



WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202  
Telephone: 303 573 5404 Fax: 303 573 5609

September 12, 2005

Ms. Diana Whitney  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-6100

RE: Southman Canyon 923-31C  
T9S-R23E  
Section 31: NENW  
516' FNL, 2,311' FWL  
Uintah County, Utah

Dear Ms. Whitney:

Westport Oil and Gas Company, L.P. has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to State Rule 179-12 (Bonanza). The well location was moved for topographic reasons. Westport owns 100% of the leasehold within 460 feet of the exception location of the offset lands and has no objection to the exception location.

Westport requests your approval of this exception location. If you have any questions, call me at 303-607-3448. Thank you for your assistance.

Sincerely,

W. Chris Latimer, CPL  
Senior Landman

cc: Raleen Weddle

RECEIVED

SEP 15 2005

OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

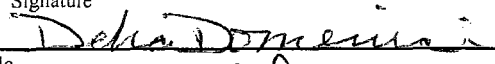
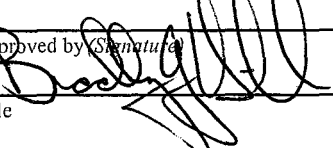
FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-33433
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		7. If Unit or CA Agreement, Name and No.
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	3b. Phone No. (include area code) (435) 781-7060	8. Lease Name and Well No. SOUTHMAN CANYON 923-31C
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENW 516' FNL 2311' FWL 639138X 39.998400 At proposed prod. Zone 4428642Y -109.370099		9. API Well No. 43-047-37227
14. Distance in miles and direction from nearest town or post office* 20.6 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory Nathan O Butts
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 516'		11. Sec., T., R., M., or Bk. and Survey or Area SEC 31-T9S-R23E
16. No. of Acres in lease 1922.95	17. Spacing Unit dedicated to this well 40	12. County or Parish UINTAH
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8700'	13. State UT
20. BLM/BIA Bond No. on file CO-1203	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5055.3' GL	22. Approximate date work will start* UPON APPROVAL
23. Estimated duration TO BE DETERMINED		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.  | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) DEBRA DOMENICI	Date 9/29/2005
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 10-05-05
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

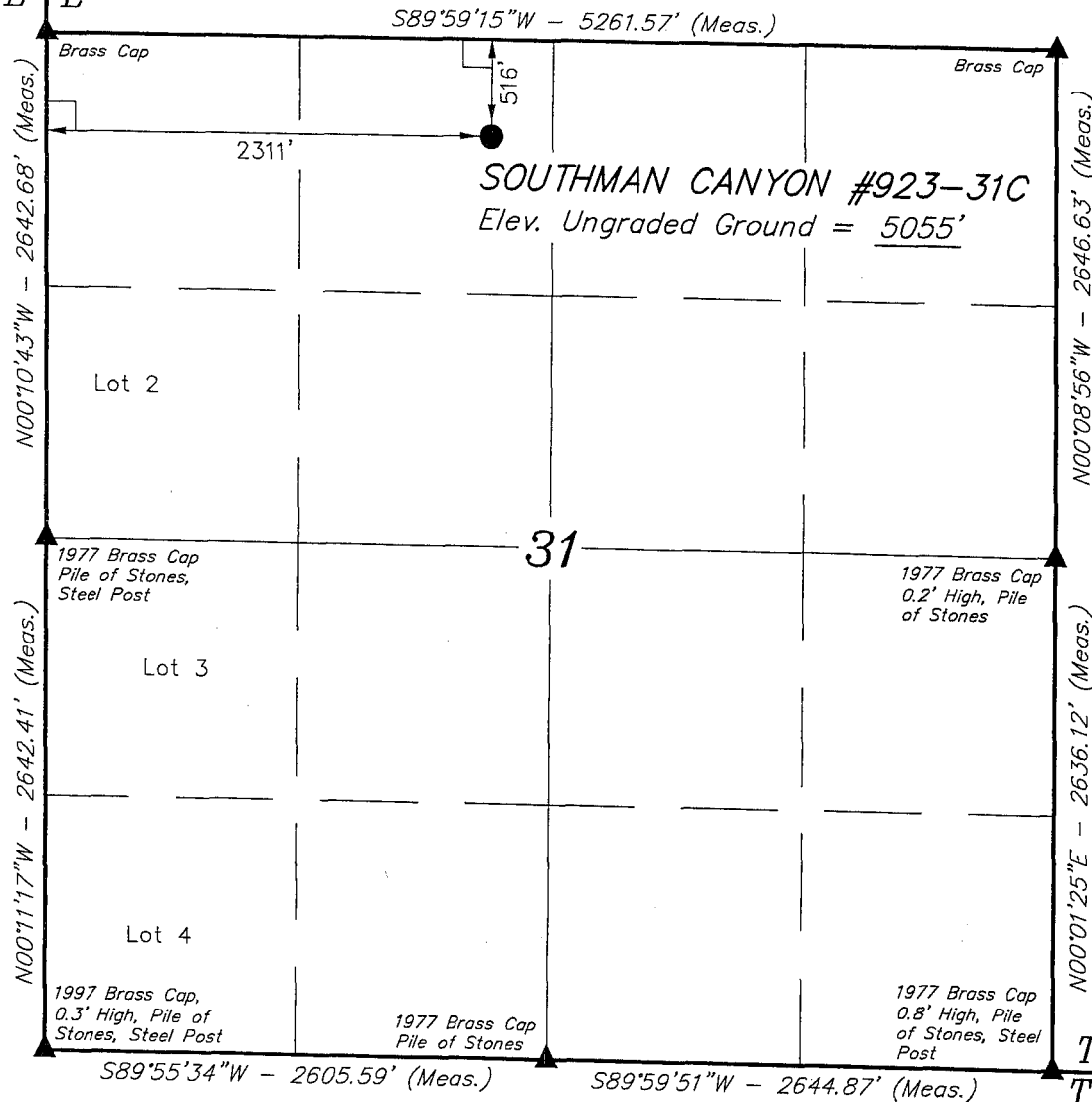
RECEIVED

OCT 04 2005

DIV. OF OIL, GAS & MINING

R  
22  
E

T9S, R23E, S.L.B.&M.



# LEGEND:

- $\perp$  = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE =  $39^{\circ}59'53.96''$  (39.998322)  
 LONGITUDE =  $109^{\circ}22'14.42''$  (109.370672)  
 (NAD 27)  
 LATITUDE =  $39^{\circ}59'54.08''$  (39.998356)  
 LONGITUDE =  $109^{\circ}22'11.97''$  (109.369992)

## WESTPORT OIL AND GAS COMPANY, L.P.

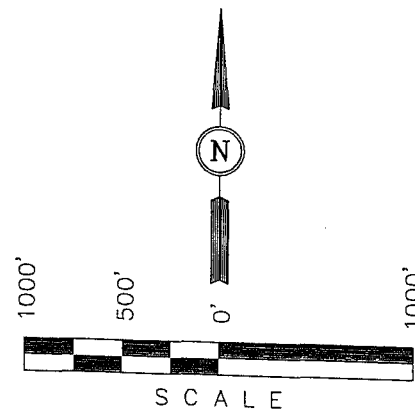
Well location, SOUTHMAN CANYON #923-31C, located as shown in the NE 1/4 NW 1/4 of Section 31, T9S, R23E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161819  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-27-05	DATE DRAWN: 08-03-05
PARTY D.K. L.K. P.M.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

SOUTHMAN CANYON 923-31C  
NENW SEC 31-T9S-R23E  
UINTAH COUNTY, UTAH  
UTU-33433

ONSHORE ORDER NO. 1

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1390'
Wasatch	4400'
Mesaverde	6690'
TD	8700'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1390'
Gas	Wasatch	4400'
Gas	Mesaverde	6690'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

*Please refer to the attached Drilling Program.*

4. **Proposed Casing & Cementing Program:**

*Please refer to the attached Drilling Program.*

5. **Drilling Fluids Program:**

*Please refer to the attached Drilling Program.*

6. **Evaluation Program:**

*Please refer to the attached Drilling Program.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8700' TD, approximately equals 3480 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1566 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

9. **Variances:**

*Please refer to the attached Drilling Program.*

10. **Other Information:**

*Please refer to the attached Drilling Program.*





# Westport Oil and Gas Company, L.P.

## DRILLING PROGRAM

### CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.76*****	1.58	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8700	11.60	M-80 or I-80	LTC	2.62	1.30	2.28

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

MASP 2972 psi

\*\*\*\*\* Burst SF is low but csg is much stronger than formation at 2000' EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

### CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	.200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to surface, option 2 will be utilized					
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,900'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	410	60%	11.00	3.38
	TAIL	4,800'	50/50 Poz/G + 10% salt + 2% gel	1340	60%	14.30	1.31

\*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

\*Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

### ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

DATE:

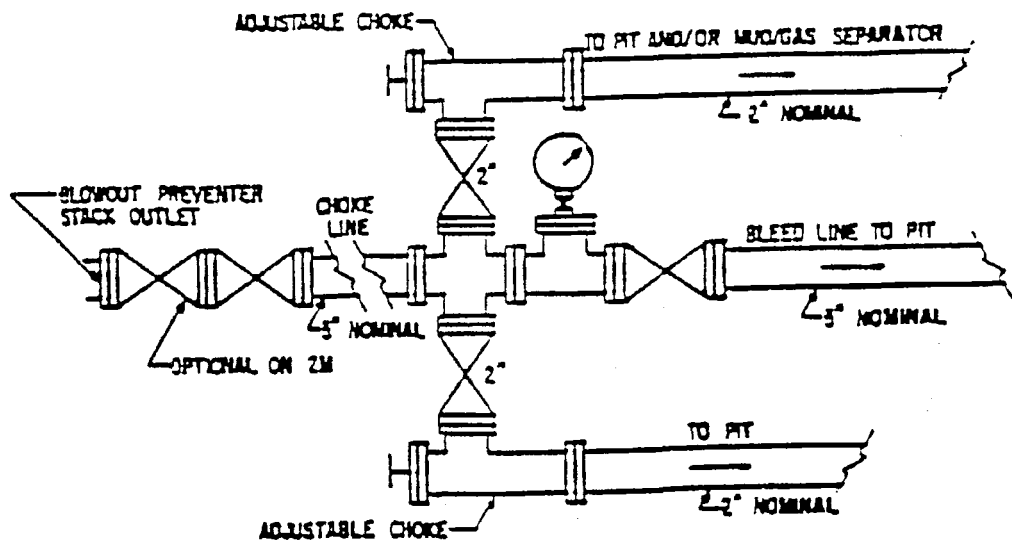
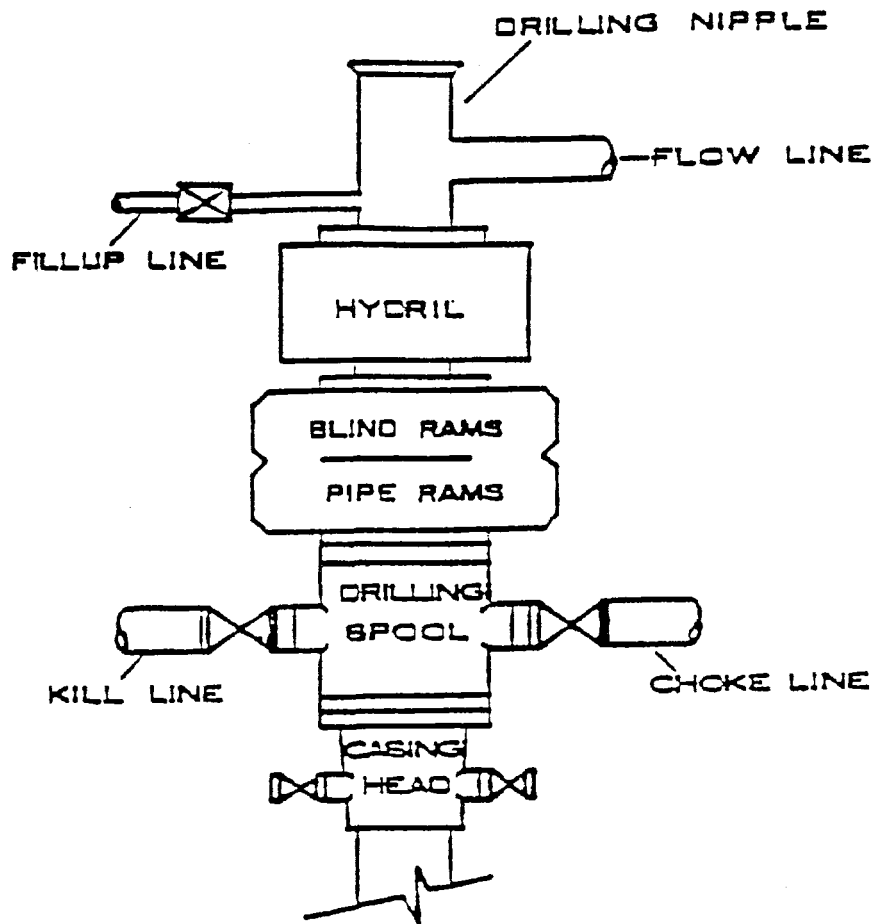
DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

3,000 PSI

# EOP STACK





SOUTHMAN CANYON 923-31C  
NENW SEC 31-T9S-R23E  
UINTAH COUNTY, UTAH  
UTU-33433

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

**1. Existing Roads:**

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

The proposed access road is approximately 130' +/- . Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

**3. Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities**

*The following guidelines will apply if the well is productive.*

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the placement of the proposed pipeline.

**Exceptions to Best Management Practices (BMPs) Requested:**

Approximately 200' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil type has a poor history for successful rehabilitation.

**5. Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Where available a 2" or 3" poly pipe will be installed with the existing rights-of-way to supply water during drilling and completion operations. There will be no new disturbance needed and the poly line will be removed after completion operations. The fresh water will be supplied from the power plant located within the following Sections 23, 24, 25, 26, 35, & 36, T8S, R23E.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

**6. Source of Construction Materials**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

**7. Methods of Handling Waste Materials**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

*Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).*

**8. Ancillary Facilities**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Corner 6 shall be rounded to keep fill out of the drainage.

10. **Plans for Reclamation of the Surface:**

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring of the pit, the stockpiled topsoil will be spread evenly over the location up to the rig anchor points, the location shall be reshaped to the original contour to the extent possible, and the location will be reseeded with Crested Wheatgrass using appropriate reclamation methods.

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

**11. Surface Ownership:**

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435) 789-1362

**12. Other Information:**

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

**Seed Mixture:**

The following seed mixture will be used during interim reclamation:

Crested Wheatgrass	6 lbs/acre
Needle and Thread Grass	6 lbs/acre

Operator will contact the BLM for the seed mixture when final reclamation of the location occurs.

**13. Lessee's or Operators's Representative & Certification:**

Debra Domenici  
Associate Environmental Analyst  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7018

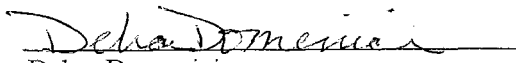
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Debra Domenici

September 29, 2005  
Date

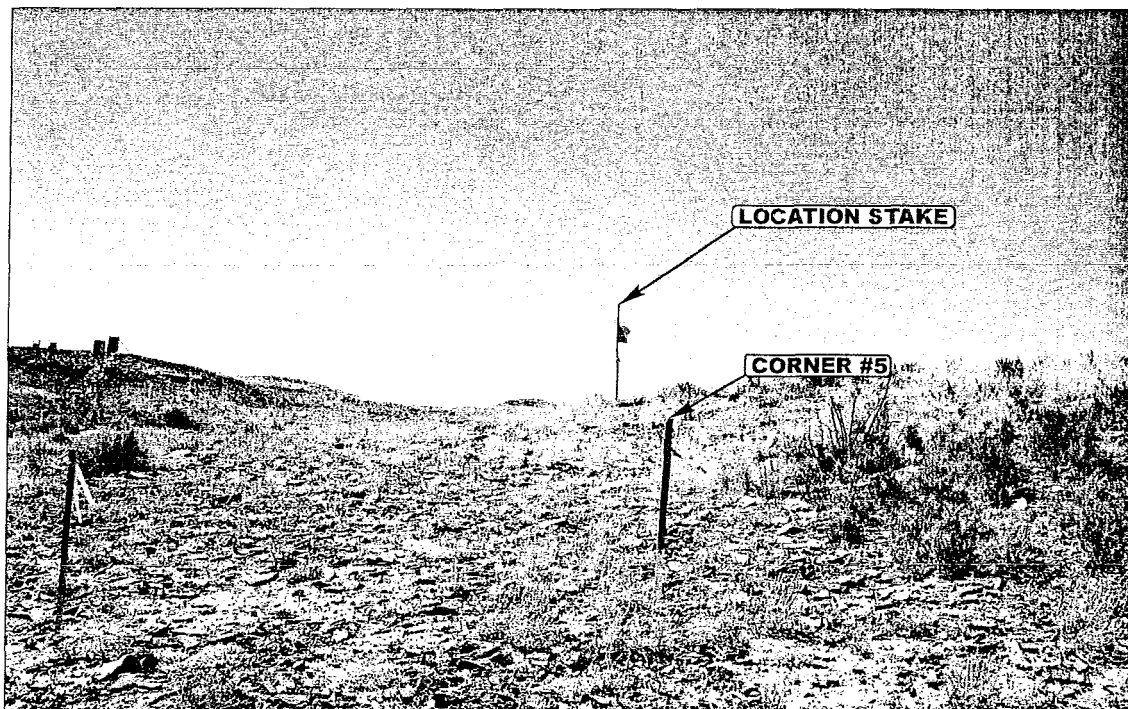
# **WESTPORT OIL AND GAS COMPANY, L.P.**

## **SOUTHMAN CANYON #923-31C SECTION 31, T9S, R23E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN A EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 100' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN SOUTHWESTERLY DIRECTION APPROXIMATELY 130' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.6 MILES.

**WESTPORT OIL AND GAS COMPANY, L.P.**  
**SOUTHMAN CANYON #923-31C**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 31, T9S, R23E, S.L.B.&M.**



**PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE**

**CAMERA ANGLE: NORTHWESTERLY**



**PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS**

**CAMERA ANGLE: SOUTHWESTERLY**



- Since 1964 -

**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**08 03 05**  
MONTH DAY YEAR

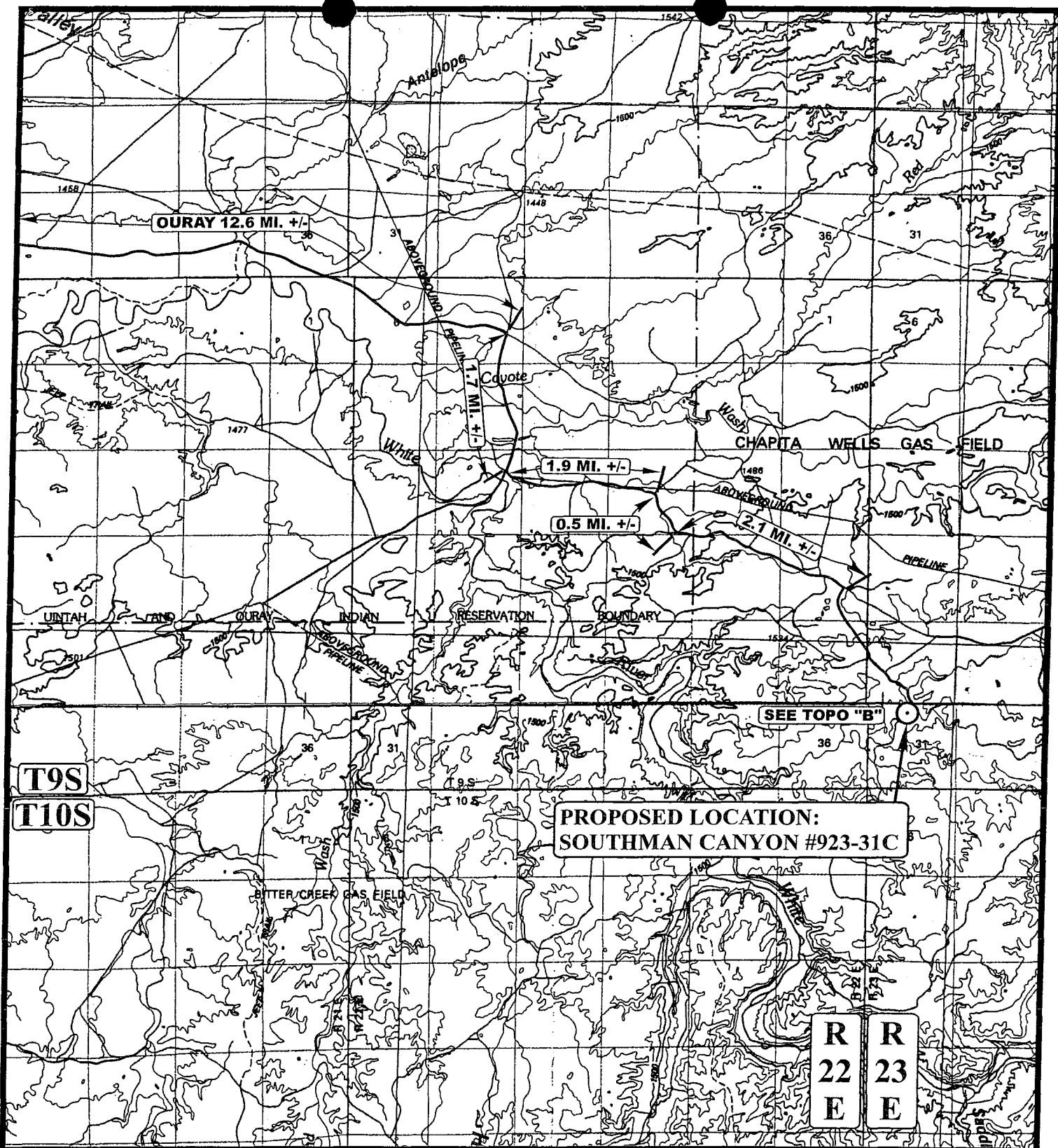
**PHOTO**

TAKEN BY: D.K.

DRAWN BY: C.H.

REVISED: 00-00-00





**LEGEND:**

○ PROPOSED LOCATION



**WESTPORT OIL AND GAS COMPANY, L.P.**

**SOUTHMAN CANYON #923-31C**  
**SECTION 31, T9S, R23E, S.L.B.&M.**  
**516' FNL 2311' FWL**



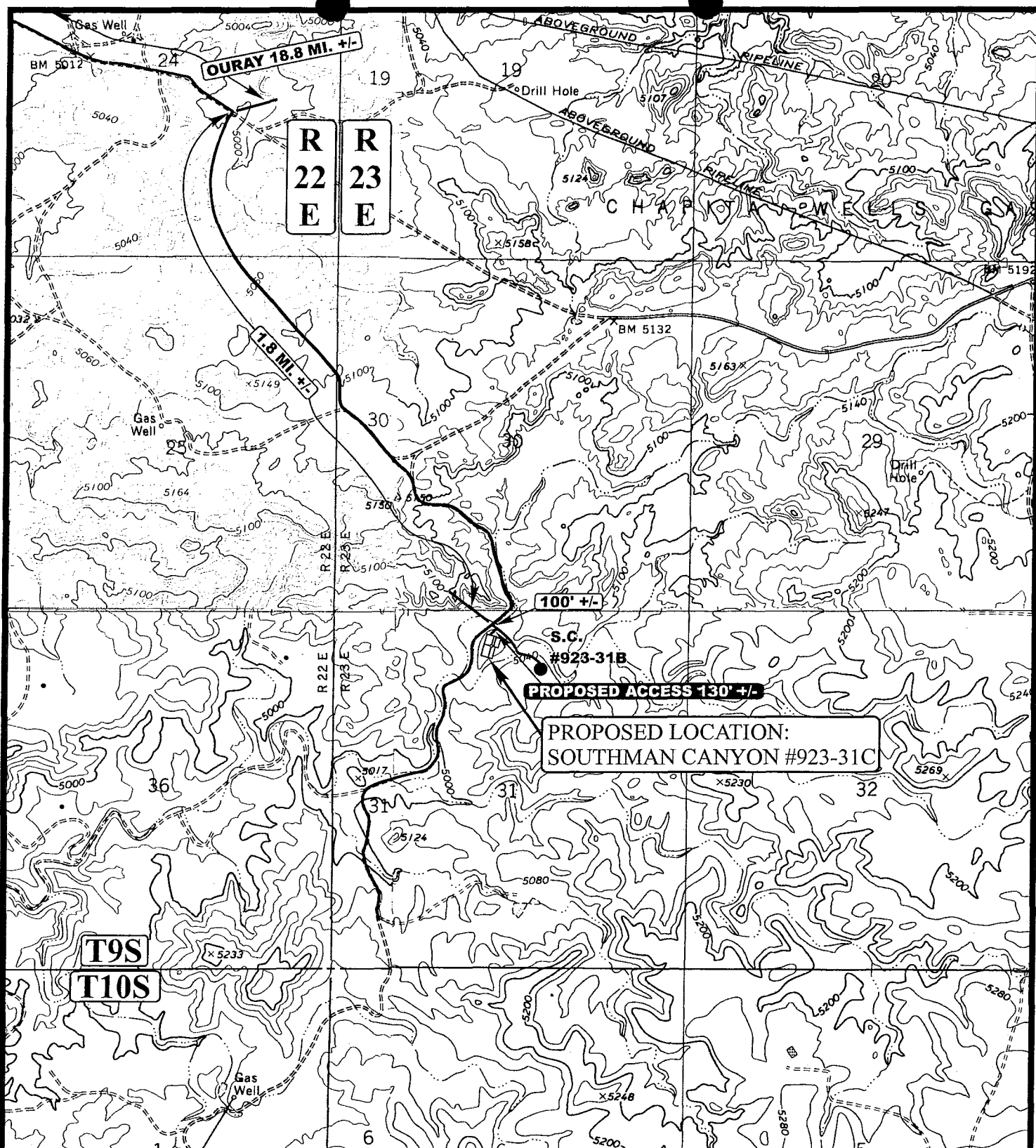
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**08 03 05**  
MONTH DAY YEAR

**SCALE: 1:100,000** **DRAWN BY: C.H.** **REVISED: 00-00-00**





# LEGEND:

----- PROPOSED ACCESS ROAD  
 \_\_\_\_\_ EXISTING ROAD

WESTPORT OIL AND GAS COMPANY, L.P.

SOUTHMAN CANYON #923-31C  
 SECTION 31, T9S, R23E, S.L.B.&M.  
 516' FNL 2311' FWL



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

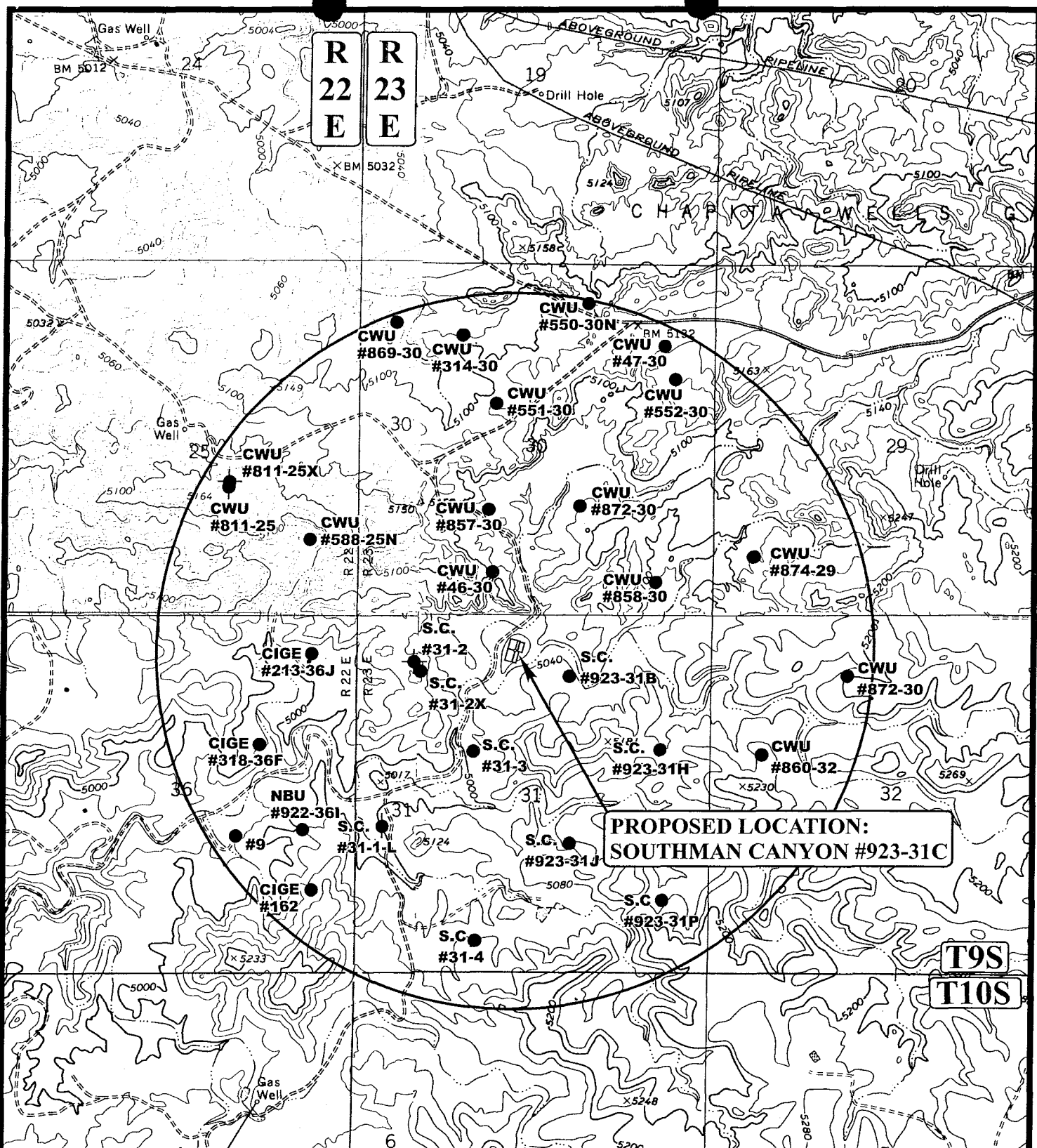


TOPOGRAPHIC  
 MAP

08 03 05  
 MONTH DAY YEAR

B  
 TOPO

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00



# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**WESTPORT OIL AND GAS COMPANY, L.P.**

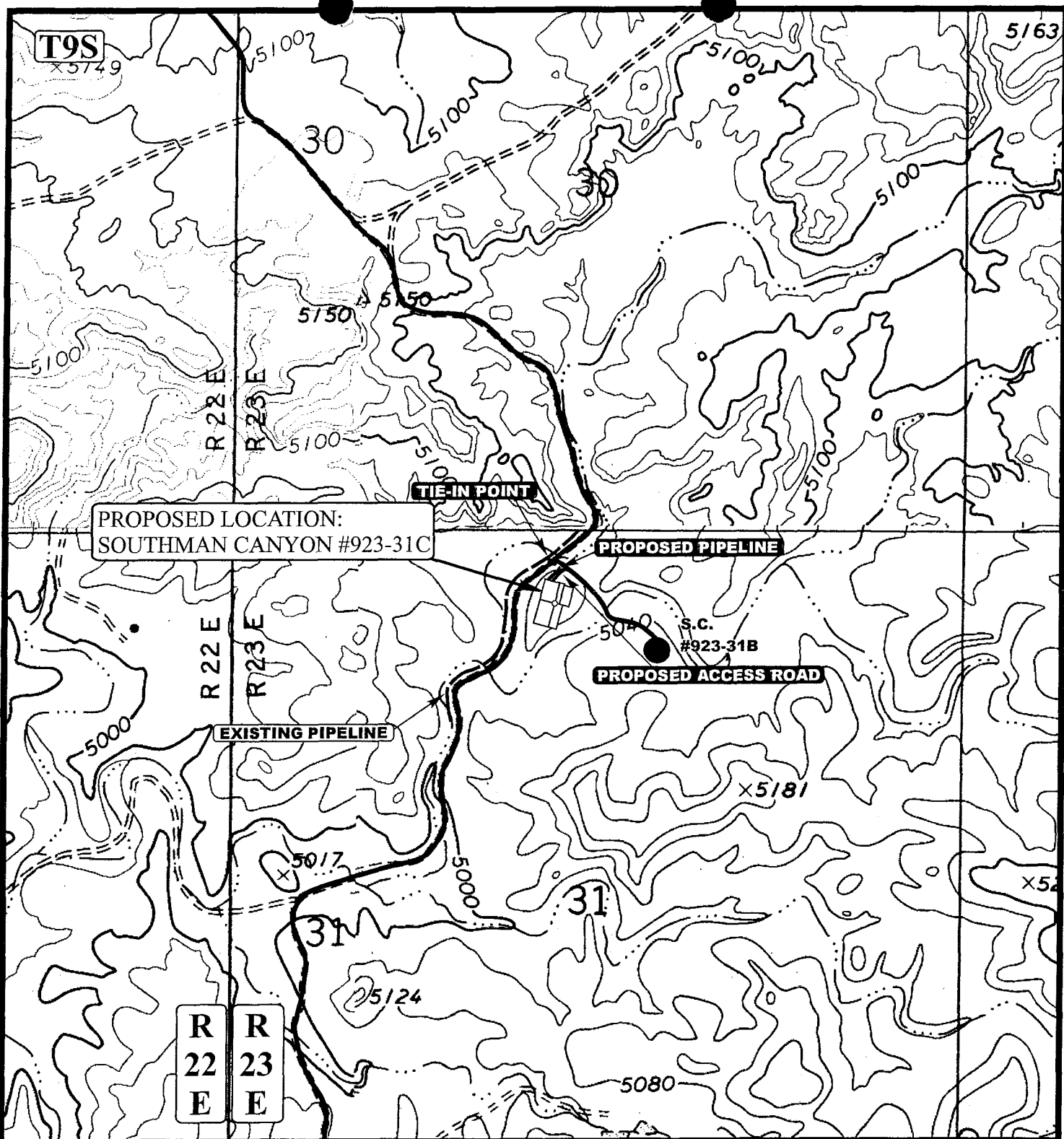
**SOUTHMAN CANYON #923-31C**  
**SECTION 31, T9S, R23E, S.L.B.&M.**  
**516' FNL 2311' FWL**

**TOPOGRAPHIC**  
**MAP**

**08** **03** **05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 200' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**WESTPORT OIL AND GAS COMPANY, L.P.**

**SOUTHMAN CANYON #923-31C**  
**SECTION 31, T9S, R23E, S.L.B.&M.**  
**516' FNL 2311' FWL**

**TOPOGRAPHIC**  
**MAP**

**08 03 05**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 09-29-05



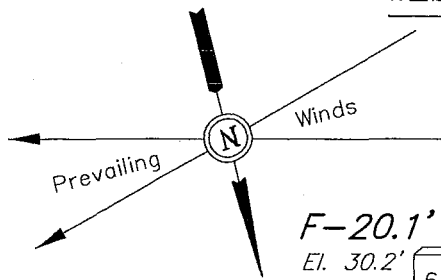
# WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

## LOCATION LAYOUT FOR

SOUTHMAN CANYON #923-31C  
SECTION 31, T9S, R23E, S.L.B.&M.

516' FNL 2311' FWL



F-20.1'  
El. 30.2'

F-5.5'  
El. 44.8'

Sta. 3+50

Existing  
Drainage

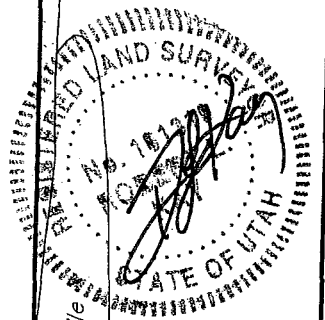
SCALE: 1" = 50'  
DATE: 08-03-05  
Drawn By: P.M.

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.

Round Corners  
as Needed

Approx.  
Toe of  
Fill Slope



PIPE TUBS

PIPE RACKS

CATWALK

F-1.8'  
El. 48.5'

C-5.0'  
El. 55.3'

El. 41.3'  
C-1.0'  
(btm. pit)

Sta. 1+50

GRADE  
El. 50.3'

Reserve Pit Backfill  
& Spoils Stockpile

15' WIDE DIKE  
Bottle Line

70'

15'

RESERVE PITS  
(10' Deep)

Total Pit Capacity  
W/2' of Freeboard  
= 9,850 Bbls. ±  
Total Pit Volume  
= 2,780 Cu. Yds.

150'

15' WIDE BENCH/DIKE

SLOPE 1 1/2 : 1

Sta. 0+25

15' WIDE BENCH

El. 58.1'

C-17.8'  
(btm. pit)

El. 58.6'

C-8.3'

El. 58.2'

C-7.9'

El. 58.2'

C-10.0'

El. 60.3'

PROANE STORAGE

TRASH

MUD TANKS

PUMP HOUSE

BOILER

LIGHT PLANT

DOG HOUSE

RIG

MUD TANKS

TOILET

TRAILER

WATER TANK

Existing  
Road

Approx.  
Top of  
Cut Slope

Proposed Access  
Road

Sta. 0+00

F-3.4'  
El. 46.9'

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5055.3'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5050.3'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

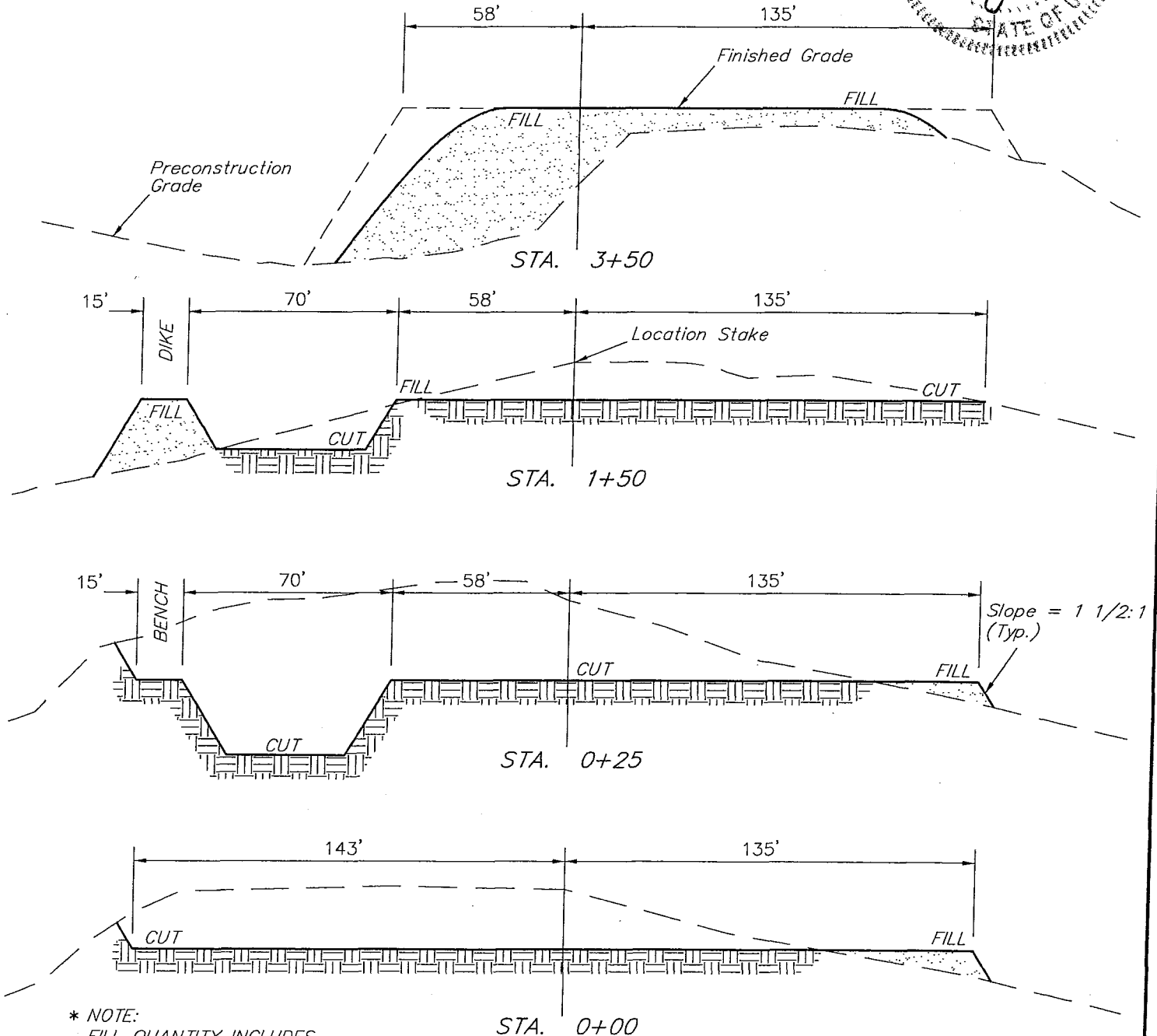
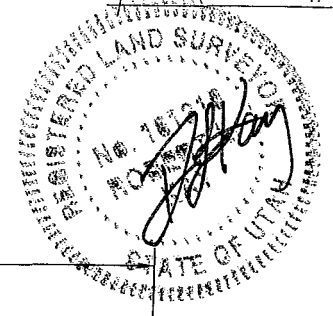
# WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR  
SOUTHMAN CANYON #923-31C  
SECTION 31, T9S, R23E, S.L.B.&M.  
516' FNL 2311' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 08-03-05  
Drawn By: P.M.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

## APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 1,850 Cu. Yds.  
Remaining Location = 11,660 Cu. Yds.  
TOTAL CUT = 13,510 CU.YDS.  
FILL = 10,270 CU.YDS.

EXCESS MATERIAL = 3,240 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 3,240 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/04/2005

API NO. ASSIGNED: 43-047-37227

WELL NAME: SOUTHMAN CYN 923-31C

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

**PROPOSED LOCATION:**

NENW 31 090S 230E

SURFACE: 0516 FNL 2311 FWL

BOTTOM: 0516 FNL 2311 FWL

UINTAH

NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-33433

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

LATITUDE: 39.99840

LONGITUDE: -109.3701

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. CO-1203 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

☐ R649-2-3.

Unit \_\_\_\_\_

☐ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 179-12

Eff Date: 7-5-05

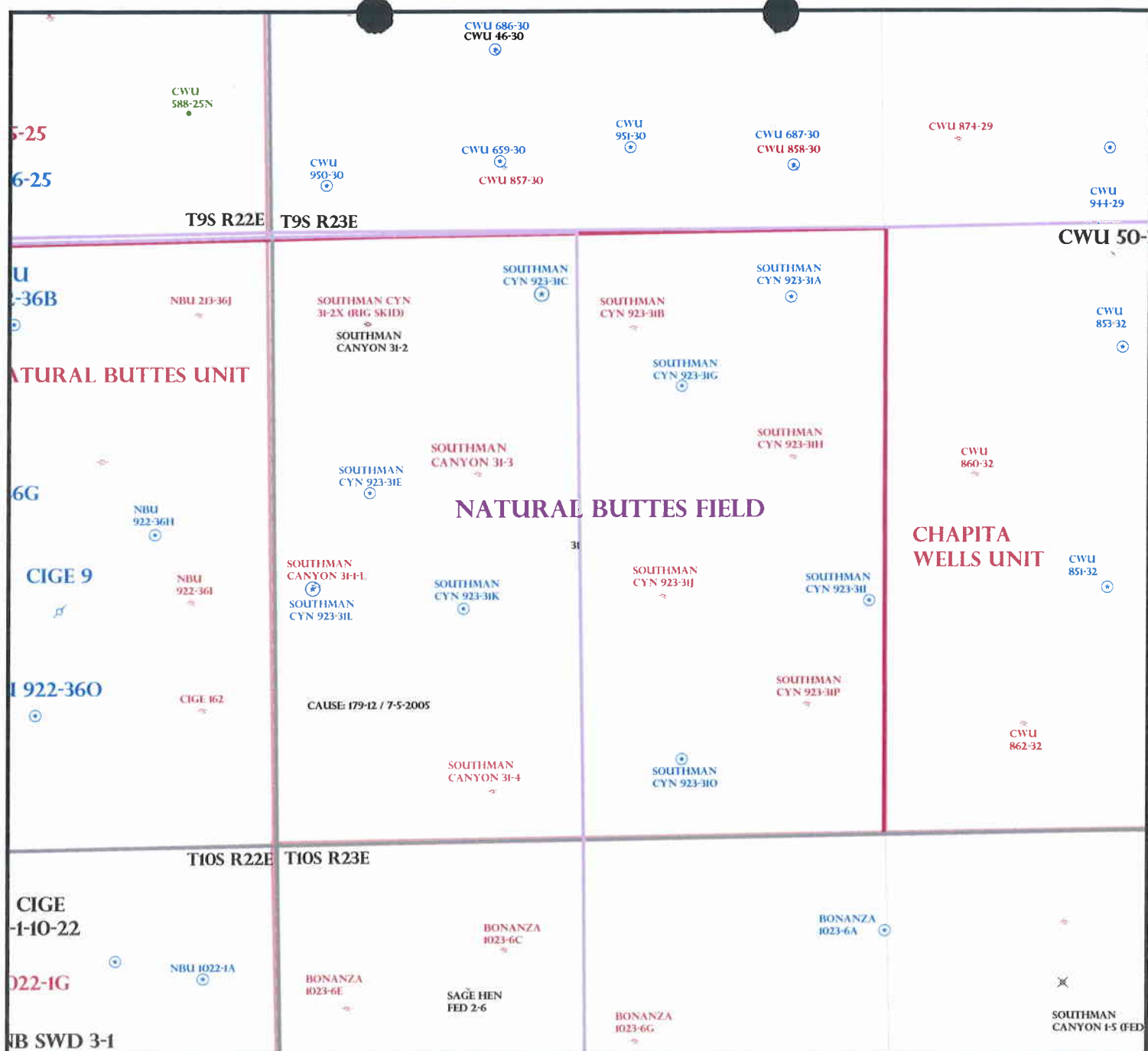
Siting: 460' from center of well & 920' from other wells

☐ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1 Federal Approval





OPERATOR: WESTPORT O&G CO (N2115)

SEC: 31 T. 9S R. 23E

**FIELD: NATURAL BUTTES (630)**

COUNTY: UINTAH

**CAUSE: 179-12 / 7-5-2005**
















### Field Status

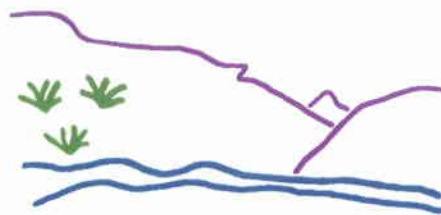
- ABANDONED**  
**ACTIVE**  
**COMBINED**  
**INACTIVE**  
**PROPOSED**  
**STORAGE**  
**TERMINATED**

Unit Status

- ☐ EXPLORATORY  
☐ GAS STORAGE  
☐ NF PP OIL  
☐ NF SECONDARY  
☐ PENDING  
☒ PI OIL  
☐ PP GAS  
☐ PP GEOTHERML  
☐ PP OIL  
☐ SECONDARY  
☐ TERMINATED

## Wells Status

-  GAS INJECTION
-  GAS STORAGE
-  LOCATION ABANDONED
-  NEW LOCATION
-  PLUGGED & ABANDONED
-  PRODUCING GAS
-  PRODUCING OIL
-  SHUT-IN GAS
-  SHUT-IN OIL
-  TEMP. ABANDONED
-  TEST WELL
-  WATER INJECTION
-  WATER SUPPLY
-  WATER DISPOSAL
-  DRILLING



## Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 04-OCTOBER-2005





**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 5, 2005

Westport Oil & Gas Company  
1368 South 1200 East  
Vernal, UT 84078

Re: Southman Canyon 923-31C Well, 516' FNL, 2311' FWL, NE NW, Sec. 31,  
T. 9 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37227.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company  
Well Name & Number Southman Canyon 923-31C  
API Number: 43-047-37227  
Lease: UTU-33433

Location: NE NW                      Sec. 31                      T. 9 South                      R. 23 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

WELL NAME

SEC TWN RNG

API NO

ENTITY  
NO

LEASE  
TYPE

WELL  
TYPE

WELL  
STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

**9. Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, Transfer of Authority to

**Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
  2. Indian well(s) covered by Bond Number: RLB0005239
  3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
  - a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

*Earlene Russell*

**Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

*Randy Bayne*

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF  
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

CH. OF OIL, GAS & MIN. B.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-33433

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SOUTHMAN CANYON 923-31C

9. API Well No.

4304737227

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

516' FNL 2311' FWL

NENW SEC 31-T9S-R23E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON OCTOBER 5, 2005.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-16-06

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

SEPTEMBER 21, 2006

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OCT 11 2006

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737227  
**Well Name:** SOUTHMAN CANYON 923-31C  
**Location:** NENW SEC 31-T9S-R23E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 10/5/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramsey Moopes  
Signature

9/21/2006

Date

Title: REGULATORY CLERK

Representing: KERR MCGEE OIL AND GAS ONSHORE L

OCT 11 2006

SEP 30 2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-33433	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name	
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP			7. If Unit or CA Agreement, Name and No.	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078			8. Lease Name and Well No. SOUTHMAN CANYON 923-31C	
3b. Phone No. (include area code) (435) 781-7003			9. API Well No. 43-047-37227	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENW 516' FNL 2311' FWL At proposed prod. Zone			10. Field and Pool, or Exploratory	
14. Distance in miles and direction from nearest town or post office* 20.6 MILES SOUTHEAST OF OURAY, UTAH			11. Sec., T., R., M., or Blk, and Survey or Area SEC 31-T9S-R23E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 516'		16. No. of Acres in lease 1922.95	17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		19. Proposed Depth 8700'	20. BLM/BIA Bond No. on file CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5055.3' GL		22. Approximate date work will start* UPON APPROVAL		23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized office.

Signature <i>Ramey Hoopes</i>		Name (Printed/Typed) RAMEY HOOPES	Date 4/17/2006
REGULATORY CLERK			
Approved by (Signature) <i>Jerry Kewels</i>		Name (Printed/Typed) JERRY KEWELS	Date 5-18-2007
Title Assistant Field Manager Lands & Mineral Resources		Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
MAY 24 2007

DIV. OF OIL, GAS & MINING

W.D. Rec 8-18-05  
066XJ0195A



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Kerr-McGee Oil & Gas Onshore, LP Location: NENW, Sec. 31, T9S, R23E  
Well No: Southman Canyon 923-31C Lease No: UTU-33433  
API No: 43-047-37227 Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	

Fax: 435-781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

**Specific Surface COAs**

- The lessee/operator is given notice that lands on the lease have a stipulation. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through July 20.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- As discussed on the onsite conducted on Sept. 15, 2005, corner 6 of the location will be rounded to avoid the drainage.

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person making the report along with a telephone number should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log CBL will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ¼¼, Sec., Twn, Rng, and P.M..
  - Date well was placed in a producing status date of first production for which royalty will be paid.
  - The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include



deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR MCGEE OIL AND GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**435-781-7003**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**516'FNL-2311'FWL**

**NENW SEC 31-T9S-R23E**

5. Lease Serial No.

**UTU-33433**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**SOUTHMAN CANYON 923-31C**

9. API Well No.

**4304737227**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>APD EXTENSION</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>DOGM</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL WAS APPROVED BY THE UTAH DIVISION OF OIL, GAS AND MINING ON OCTOBER 5, 2005.

APPROVED BY  
Utah Division of  
Oil, Gas and Mining

Date: **09-27-07**

By: 

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**REBECCA WORTHEN**

Title

**LAND SPECIALIST**

Signature



Date

**September 18, 2007**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**SEP 25 2007**

**DIV. OF OIL, GAS & MINING**

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737227  
**Well Name:** SOUTHMAN CANYON 923-31C  
**Location:** NENW SEC 31-T9S-R23E  
**Company Permit Issued to:** Kerr McGee Oil and Gas Onshore LP  
**Date Original Permit Issued:** 10/5/2001

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Rebecca Worthen  
Signature

9/17/2007  
Date

Title: Land Specialist

Representing: Kerr McGee Oil and Gas Onshore LP

**RECEIVED**

**SEP 25 2007**

**DIV. OF OIL, GAS & MINING**

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: SOUTHMAN CYN 923-31C

Api No: 43-047-37227 Lease Type: FEDERAL

Section 31 Township 09S Range 23E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

### **SPUDDED:**

Date 11/25/07

Time 8:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 11/26/07 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: 1368 SOUTH 1200 EAST  
city VERNAL  
state UT zip 84078 Phone Number: (435) 781-7024

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737209	SOUTHMAN CANYON 923-31E		SWNW	31	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>A</u>	99999	<u>16521</u>	11/25/2007		<u>11/26/07</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 11/25/2007 AT 1300 HRS							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737227	SOUTHMAN CANYON 923-31C		NENW	31	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>A</u>	99999	<u>16522</u>	11/25/2007		<u>11/26/07</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 11/25/2007 AT 0800 HRS							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737543	NBU 1022-17D		NWNW	17	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>B</u>	99999	<u>2900</u>	11/24/2007		<u>11/26/07</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 11/24/2007 AT 0700 HRS.							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

11/26/2007

Date

**RECEIVED**

**NOV 26 2007**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-33433

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**SOUTHMAN CANYON 923-31C**

9. API Well No.

4304737227

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/NW SEC. 31, T9S, R23E 516'FNL, 2311'FWL**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>WELL SPUD</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7#  
SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

**SPUD WELL LOCATION ON 11/25/2007 AT 0800 HRS.**

**RECEIVED**

**DEC 03 2007**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**November 26, 2007**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>UTU-33433</b>
2. Name of Operator <b>KERR-McGEE OIL &amp; GAS ONSHORE LP</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7024</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NE/NW SEC. 31, T9S, R23E 516'FNL, 2311'FWL</b>		8. Well Name and No. <b>SOUTHMAN CANYON 923-31C</b>
		9. API Well No. <b>4304737227</b>
		10. Field and Pool, or Exploratory Area <b>UNDESIGNATED</b>
		11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

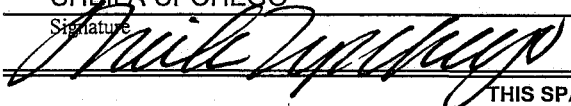
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <b>SET SURFACE</b>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <b>CSG</b>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 11/25/2007. DRILLED 12 1/4" SURFACE HOLE TO 2110'. RAN 9 5/8" 47 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/1300 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

**RECEIVED**  
**DEC 14 2007**

14. I hereby certify that the foregoing is true and correct		DIV. OF OIL, GAS & MINING
Name (Printed/Typed) <b>SHEILA UPCHEGO</b>	Title <b>SENIOR LAND ADMIN SPECIALIST</b>	
Signature 	Date <b>December 3, 2007</b>	

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>UTU-33433</b>
2. Name of Operator <b>KERR-McGEE OIL &amp; GAS ONSHORE LP</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7024</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NE/NW SEC. 31, T9S, R23E 516'FNL, 2311'FWL</b>		8. Well Name and No. <b>SOUTHMAN CANYON 923-31C</b>
		9. API Well No. <b>4304737227</b>
		10. Field and Pool, or Exploratory Area <b>UNDESIGNATED</b>
		11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

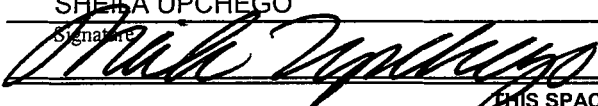
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>FINAL DRILLING OPERATIONS</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2110' TO 8565' ON 12/27/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/322 SX PREM LITE II @11.2 PPG 3.31 YIELD. TAILED CMT W/1103 SX 50/50 POZ @14.3 PPG 1.31 YIELD. HAD GOOD LIFT BUT LOST RETURNS DURING DISPLACEMENT NO CMT RETURNS. NIPPLE DOWN BOPE CLEAN PITS.

RELEASED PIONEER RIG 68 ON 12/30/2007 AT 0800 HRS.

**RECEIVED**  
**JAN 08 2008**

14. I hereby certify that the foregoing is true and correct		DIV. OF OIL, GAS & MINING	
Name (Printed/Typed) <b>SHEILA UPCHEGO</b>		Title <b>SENIOR LAND ADMIN SPECIALIST</b>	
Signature 		Date <b>December 31, 2007</b>	

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/NW SEC. 31, T9S, R23E 516'FNL, 2311'FWL**

5. Lease Serial No.

**UTU-33433**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**SOUTHMAN CANYON 923-31C**

9. API Well No.

**4304737227**

10. Field and Pool, or Exploratory Area

**UNDESIGNATED**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>PRODUCTION</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>START-UP</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 03/01/2008 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**March 4, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**MAR 10 2008**

**DIV. OF OIL, GAS & MINING**

Anadarko Petroleum Corporation  
1368 South 1200 East  
Vernal, UT 84078

## CHRONOLOGICAL WELL HISTORY

### **SOUTHMAN CANYON 923-31C**

LOCATION NENW, SEC.31, T9S, R23E  
UINTAH COUNTY, UT

DATE	ACTIVITY	STATUS
11/19/07	LOCATION COMPLETED PIONEER 68	P/L IN, WOBR
11/25/07	SET CONDUCTOR PIONEER 68	WOAR
11/25/07	SET AIR RIG PIONEER 68	DRILLING
12/04/07	9-5/8" @ 2070' PIONEER 68	WORT
12/18/07	TD: 2110' Csg. 9 5/8" @ 2070' MW: 8.4 W/O hydraulic supervisor to lower derrick. SDFN.	SD: 12/xx/07 DSS: 0
12/19/07	TD: 2110' Csg. 9 5/8" @ 2070' MW: 8.4 W/O daylight to finish move. Move sub, carrier, etc. RURT @ report time.	SD: 12/xx/07 DSS: 0
12/20/07	TD: 2110' Csg. 9 5/8" @ 2070' MW: 8.4 Raise derrick, scope sub and derrick w/ crane assistance. RURT @ report time.	SD: 12/xx/07 DSS: 0
12/21/07	TD: 2110' Csg. 9 5/8" @ 2070' MW: 8.4 RURT. NU and test BOPE. Prep to PU BHA @ report time.	SD: 12/xx/07 DSS: 0
12/24/07	TD: 5960' Csg. 9 5/8" @ 2070' MW: 9.1 Start PU of BHA then rotary table failed. Fix table, PU DS, drill cmt and FE. Rotary spud @ 1700 hrs on 12/21/07. Drill f/ 2110'-5960'. DA @ report time.	SD: 12/21/07 DSS: 3
12/26/07	TD: 7686' Csg. 9 5/8" @ 2070' MW: 10.9 Drill f/ 5960'-6548'. Lost 300 bbls of mud. Drill to 7686' w/ 10% LCM. TFNB @ report time.	SD: 12/21/07 DSS: 5
12/27/07	TD: 8170' Csg. 9 5/8" @ 2070' MW: 11.2 TIH. Drill f/ 7686'-8170'. DA @ report time.	SD: 12/21/07 DSS: 6
12/28/07	TD: 8565' Csg. 9 5/8" @ 2070' MW: 11.5 Drill f/ 8170'-8565'. CCH and short trip. CCH and prep to LDDS @ report time.	SD: 12/21/07 DSS: 7
12/31/07	TD: 8565' Csg. 9 5/8" @ 2070' MW: 11.5 LDDS. RU and run logs to TD. Run 4.5" prod csg. CCH and cmt. After 100 bbls, dry cmt plugged so circ cmt out. CCH while waiting on more cmt. Cmt csg, land hanger, ND, and release rig @ 0800 on 12/30/07. RDRT and move to SC 923-31E @ report time.	SD: 12/21/07 DSS: 10

02/25/08

MIRU

SUMMARY				
PU 3 7/8" MILL & 00 JTS OF 2 3/8" TUBING				
OPERATION DETAILS				
HOURS	DUR	CODE	SUB	DESCRIPTION
7:00- 7:30	0.50	48 P		HSM. ROADING RIG MUDDY ROADS
7:30-14:00	6.50	30 P	A	ROAD RIG FROM FEDERAL 1022-33D TO SC 923-31C. RU RIG & RIG EQUIPMENT
14:00-15:27	1.45	31 P	I	ND WELL HEAD & NU SOP'S. PU 3 7/8" MILL & SUB. DRIFT & TALLY 78 JTS OF 2 3/8" J-55 4.7# TSG. EOT @ 2,387'. SWI WINTERIZE WELL HEAD SDF.

02/26/08

PREP TO FRAC

SUMMARY				
PSI TST CSG & FRAC VLV'S. PERF STG 1, PREP TO FRAC				
OPERATION DETAILS				
HOURS	DUR	CODE	SUB	DESCRIPTION
7:00-12:00	5.00	34 P	H	7:00 A.M. HSM MIRU B&C QUICK TST. FILL CSG W/ 2% KCL. PSI TST CSG & FRAC VLV'S TO 7500# (HELD). MIRU CUTTERS W.L. SVC. P/U 3 3/8" EXP PERF GUNS, LOADED W/ 23 GM CHARGES, 4 SPF, 60 DEG PHASING & RIH. SHOOT 32 HOLES F/ 6942' - 9857'. P/U SHOOT 3 HOLES F/ 6765' - 57'. POOH. R/D CUTTERS. MIRU WEATHERFORD FRAC SVC. PREP TO FRAC IN A.M. SWI. SDFD

02/27/08  
FRAC

SUMMARY				
FRAC # STAGES OF THE MESA VERDE FORMATION				
OPERATION DETAILS				
HOURS	DUR	CODE	SUB	DESCRIPTION
7:00-8:00	1.00	48 P		HSM. W/ BJ, RIG CREW & CUTTERS
8:00-17:00	9.00	36 P	B	<p>RU CUTTERS &amp; BJ. PRIME UP PUMPS &amp; LINES &amp; PRESSURE TEST TO 8,500 PSI.</p> <p>STG 1) WHP 215 PSI, BRK 4,634 PSI @ 6.6 BPM, ISIP 2,655 PSI, FG .76. PUMP 100 BSL @ 49.4 SPM @ 5,200 PSI = 32 OF 40 HOLES OPEN. MP 6,489 PSI, MR 50.1 BPM, AP 4,908 PSI, AR 49.8 BPM, ISIP 2,563 PSI, FG .74 PSI, NPI -920 PSI, PMPD 781 BSL OF SLICK WATER &amp; 14,344 LBS OF 30/50 SAND &amp; 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 19,344 LBS</p> <p>STG 2) RIH W/ 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET BAKER 8K CBP @ 8,107' PERF 8,071' - 77' 4" SPF, 8,018' - 20' 4" SPF, 40 HOLES. WHP 236 PSI, BRK 4,994 PSI @ 5.3 BPM, ISIP 2,501 PSI, FG .78. PUMP 100 BSL @ 49.6 SPM @ 5,150 PSI = 33 OF 40 HOLES OPEN. MP 6,770 PSI, MR 49.0 BPM, AP 5,150 PSI, AR 49.8 BPM, ISIP 2,932 PSI, FG .50 PSI, NPI 131 PSI, PMPD 656 BSL OF SLICK WATER &amp; 28,996 LBS OF 30/50 SAND &amp; 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 31,996 LBS</p> <p>STG 3) RIH W/ 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 &amp; 120 DEG PHASING. SET BAKER 8K CBP @ 7,820' PERF 7,855' - 60' 4" SPF, 7,823' - 24' 3" SPF, 7,798' - 61' 3" SPF, 41 HOLES. WHP 1,015 PSI, BRK 3,145 PSI @ 5.3 BPM, ISIP 2,243 PSI, FG .72. PUMP 100 BSL @ 50.0 SPM @ 5,000 PSI = 35 OF 41 HOLES OPEN. MP 5,510 PSI, MR 50.5 BPM, AP 4,128 PSI, AR 50.1 BPM, ISIP 2,580 PSI, FG .78 PSI, NPI 317 PSI, PMPD 1,270 BSL OF SLICK WATER &amp; 38,948 LBS OF 30/50 SAND &amp; 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 43,948 LBS</p> <p>STG 4) RIH W/ 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET BAKER 8K CBP @ 7,700' PERF 7,672' - 78' 4" SPF, 7,632' - 36' 4" SPF, 7,638' - 09' 4" SPF, 40 HOLES. WHP 251 PSI, BRK 4,950 PSI @ 6.3 BPM, ISIP 2,034 PSI, FG .70. PUMP 100 BSL @ 41.3 SPM @ 3,882 PSI = 40 OF 40 HOLES OPEN. MP 4,937 PSI, MR 41.8 BPM, AP 3,355 PSI, AR 41.4 BPM, ISIP 2,142 PSI, FG .71 PSI, NPI 108 PSI, PMPD 787 BSL OF SLICK WATER &amp; 19,948 LBS OF 30/50 SAND &amp; 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 24,948 LBS</p> <p>STG 5) RIH W/ 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET BAKER 8K CBP @ 7,530' PERF 7,487' - 7,504' 4" SPF, 7,448' - 51' 4" SPF, 40 HOLES. WHP 174 PSI, BRK 5,876 PSI @ 6.7 BPM, ISIP 2,174 PSI, FG .72. PUMP 100 BSL @ 49.9 SPM @ 4,820 PSI = 32 OF 40 HOLES OPEN. MP 6,113 PSI, MR 50.3 BPM, AP 4,598 PSI, AR 50.0 BPM, ISIP 2,283 PSI, FG .74 PSI, NPI 89 PSI, PMPD 923 BSL OF SLICK WATER &amp; 27,452 LBS OF 30/50 SAND &amp; 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 32,452 LBS</p> <p>STG 6) RIH W/ 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET BAKER 8K CBP @ 7,320' PERF 7,285' - 90' 4" SPF, 7,172' - 78' 4" SPF, 40 HOLES. WHP 209 PSI, BRK 4,208 PSI @ 6.7 BPM, ISIP 2,223 PSI, FG .74. PUMP 100 BSL @ 50.2 SPM @ 4,246 PSI = 38 OF 40 HOLES OPEN. MP 4,759 PSI, MR 50.6 BPM, AP 3,727 PSI, AR 50.1 BPM, ISIP 2,351 PSI, FG .78 PSI, NPI 131 PSI, PMPD 651 BSL OF SLICK WATER &amp; 11,307 LBS OF 30/50 SAND &amp; 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 16,307 LBS.</p> <p>KILL PLG ) RIH SET 8K BAKER CBP @ 7,122'.</p> <p>RDMO CUTTERS &amp; BJ. ND FRAC VALVES &amp; NU BOP'S. S/W SDFH.</p>

03/02/08 ON SALES: 1114 MCF, 0 BC, 240 BW, TP: 1200#, CP: 1600#, 20/64 CHK, 19 HRS, LP: 182#.

03/03/08 ON SALES: 1114 MCF, 0 BC, 192 BW, TP: 700#, CP: 1450#, 20/64 CHK, 24 HRS, LP: 182#.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) \*

At surface

NE/NW 516'FNL, 2311'FWL

At top prod. interval reported below

At total depth

14. Date Spudded

11/25/07

15. Date T.D. Reached

12/27/07

16. Date Completed

☐ D & A ☒ Ready to Prod.

03/01/08

18. Total Depth: MD

8565'

TVD

19. Plug Back T.D.: MD

8451'

TVD

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CAL-GR, SD, DSN, ACTR

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2110'		1750 SX			
7 7/8"	4 1/2"	11.6#		8565'		1425 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	7739'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7172'	8320'	7172'-8320'	0.36	241	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
7172'-8320'	PMP 5277 BBLS SLICK H2O & 168,993# 30/50 OTTOWA SD

RECEIVED

MAR 28 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/01/08	03/05/08	24	→	10	1,810	220			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. #	Csg. Press. #	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
17/64	1470#	1470#	→	10	1810	220			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. #	Csg. Press. #	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	4361' 5636'	5636'			

## 32. Additional remarks (include plugging procedure):

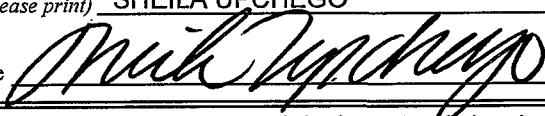
## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGOTitle SENIOR LAND ADMIN SPECIALIST

Signature

Date 03/25/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU33433
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE		6. If Indian, Allottee or Tribe Name
Contact: SHEILA UPCHEGO Email: sheila.upchego@anadarko.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-7024	8. Well Name and No. SOUTHMAN CANYON 923-31C
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T9S R23E NENW 516FNL 2311FWL		9. API Well No. 43-047-37227
		10. Field and Pool, or Exploratory UNDESIGNATED
		11. County or Parish, and State UINTAH, COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

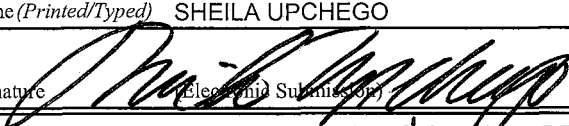
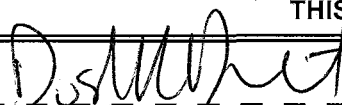
THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATION ALONG WITH THE EXISTING MESAVERDE FORMATION.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 12-30-2008

Initials: KS

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #65292 verified by the BLM Well Information System For KERR-MCGEE OIL &amp; GAS ONSHORE L, sent to the Vernal</b>	
Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature 	Date 12/04/2008
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By 	Title <u>Ret. Eng.</u> Date <u>12/22/08</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <u>DOGM</u> Federal Approval Of This Action Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

\*Cause 179-12

DEC 08 2008

DIV. OF OIL, GAS & MINING

**Name:** Southman Canyon 923-31C

**Location:** NE NW Sec. 31 9S 23E

**Uintah County, UT**

**Date:** 11/19/08

**ELEVATIONS:** 5050 GL

5068 KB

**TOTAL DEPTH:** 8555

**PBTD:** 8450

**SURFACE CASING:**

9 5/8", 36# J-55 ST&C @ 2088'

**PRODUCTION CASING:**

4 1/2", 11.6#, I-80 LT&C @ 8492'

Marker Joint **4114-4135'**

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

**TOPS:**

1294' Green River

2098' Mahogany

4360' Wasatch

6420' Mesaverde

Estimated T.O.C. from CBL @920'

**GENERAL:**

- A minimum of **18** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 12/28/2007
- 4 fracturing stages required for coverage.
- Procedure calls for 4 CBP's and 1 flow through plug (**8000 psi**).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.
- Maximum surface pressure **6200 psi**.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE**. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.



- Pump **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~7739
- Originally completed on 02/27/2008

**Existing Perforations:**

Zone	From	To	SPF	# of Shots
Mesaverde	7172	7178	4	24
Mesaverde	7286	7290	4	16
Mesaverde	7448	7451	4	12
Mesaverde	7497	7504	4	28
Mesaverde	7606	7608	4	8
Mesaverde	7632	7636	4	16
Mesaverde	7672	7676	4	16
Mesaverde	7788	7791	3	9
Mesaverde	7820	7824	3	12
Mesaverde	7855	7860	4	20
Mesaverde	8016	8020	4	16
Mesaverde	8071	8077	4	24
Mesaverde	8210	8215	4	20
Mesaverde	8315	8320	4	20

**PROCEDURE:**

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOO H with 2-3/8", 4.7#, N-80 tubing (currently landed at ~7739'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6988 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6988 (50' below proposed CBP).
4. Set 8000 psi flow through plug at ~ 6938'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
MESAVERDE	6870	6876	4	24
MESAVERDE	6924	6928	4	16
6. Breakdown perms and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6820' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~6800'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	6620	6624	3	12
MESAVERDE	6700	6704	4	16
MESAVERDE	6766	6770	4	16

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6570' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~5716'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:
 

Zone	From	To	spf	# of shots
WASATCH	5582	5586	4	16
WASATCH	5680	5686	4	24
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5532' trickle 250gal 15%HCL w/ scale inhibitor in flush.
11. Set 8000 psi CBP at ~5390'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:
 

Zone	From	To	spf	# of shots
WASATCH	5350	5360	4	40
12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~5300' and flush only with recycled water.
13. Set 8000 psi CBP at ~5300'.
14. TIH with 3 7/8" mill, sliding sleeve, SN and tubing.
15. Mill plugs (DO NOT DRILL FLOW THROUGH PLUG @ 6938') and clean out to 6930. Land tubing at ±6590' and open sleeve unless indicated otherwise by the well's behavior.
16. RDMO
17. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.
18. MIRU
19. Mill flow through plug and commingle well. Land tubing at ~7986'
20. RDMO

**For design questions, please call**  
**Sarah Schaftenaar, Denver, CO**  
**(303)-895-5883 (Cell)**  
**(720)-929-6605 (Office)**

**For field implementation questions, please call**  
**Robert Miller, Vernal, UT**  
**4350781 7041 (Office)**

Fracturing Schedules  
Southman Canyon 923-31C  
Slickwater Frac

Stage	Zone	Feet of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.	
			Top, ft.	Bot, ft.																		
1	MESAVERDE	1	6870	6876	4	24	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	1	6824	6926	4	16	0	ISIP and 5 min ISIP													44	
	MESAVERDE	2		No perfs			50	Slickwater Pad			Slickwater	4,388	4,388	104	104	15.0%	0.0%	0	0		13	
	MESAVERDE	5		No perfs			50	Slickwater Ramp	0.25	1	Slickwater	8,288	12,675	197	302	28.3%	17.2%	5,180	5,180		12	
	MESAVERDE	1		No perfs			50	SW Sweep	0	0	Slickwater	0	12,675	0	302	0.0%	0.0%	0	5,180		0	
	MESAVERDE	4		No perfs			50	Slickwater Ramp	1	1.5	Slickwater	8,288	20,963	197	499	28.3%	34.5%	10,359	15,539		12	
	MESAVERDE	0					50	SW Sweep	0	0	Slickwater	0	20,963	0	499	0.0%	0.0%	0	15,539		0	
	MESAVERDE	0					50	Slickwater Ramp	0.5	1.5	Slickwater	0	20,963	0	499	0.0%	0.0%	0	15,539		0	
	MESAVERDE	0					50	Slickwater Ramp	1.5	2	Slickwater	8,288	29,250	197	696	28.3%	48.3%	14,503	30,042		0	
	MESAVERDE	0					50	Flush (4-1/2")				4,452	33,702	106	802				30,042		44	
	MESAVERDE	0						ISDP and 5 min ISDP				33,702									126	
		13	# of Perfs/Stage			40										Flush depth	6820	gal/ft	2,250	2,311	lbs sand/ft	20
							16.0	<< Above pump time (min)										CBP depth	6,800			
2	MESAVERDE	12	6620	6624	3	12	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	3	6700	6704	4	16	0	ISIP and 5 min ISIP														
	MESAVERDE	4	6766	6770	4	16	50	Slickwater Pad			Slickwater	16,313	16,313	388	388	15.0%	0.0%	0	0		49	
	MESAVERDE	10		No perfs			50	Slickwater Ramp	0.25	1	Slickwater	30,813	47,125	734	1,122	28.3%	16.8%	19,258	19,258		46	
	MESAVERDE	1		No perfs			50	SW Sweep	0	0	Slickwater	0	47,125	0	1,122	0.0%	0.0%	0	19,258		0	
	MESAVERDE	14		No perfs			50	Slickwater Ramp	1	1.5	Slickwater	30,813	77,938	734	1,856	28.3%	33.6%	38,516	57,773		46	
	MESAVERDE	1		No perfs			50	SW Sweep	0	0	Slickwater	5,250	83,188	125	1,981	0.0%	0.0%	0	57,773		0	
	MESAVERDE	0					50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	86,188	71	2,052	2.5%	0.0%	3,000	60,773		0	
	MESAVERDE	0					50	Slickwater Ramp	1.5	2	Slickwater	30,813	114,000	734	2,714	28.3%	47.0%	53,922	114,695		0	
	MESAVERDE	0					50	Flush (4-1/2")				4,289	118,289	102	2,816				114,695		37	
	MESAVERDE	0						ISDP and 5 min ISDP				118,289									178	
		44	# of Perfs/Stage			44										Flush depth	6570	gal/ft	2,500	2,637	lbs sand/ft	854
							54.3	<< Above pump time (min)										CBP depth	5,716			
3	WASATCH	24	5582	5586	4	16	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	1	5680	5686	4	24	0	ISIP and 5 min ISIP														
	WASATCH	13		No perfs			50	Slickwater Pad			Slickwater	15,863	15,863	378	378	15.0%	0.0%	0	0		48	
	WASATCH	10		No perfs			50	Slickwater Ramp	0.25	1	Slickwater	29,963	45,825	713	1,091	28.3%	17.2%	18,727	18,727		45	
	WASATCH	0					50	SW Sweep	0	0	Slickwater	0	45,825	0	1,091	0.0%	0.0%	0	18,727		0	
	WASATCH	0					50	Slickwater Ramp	1	1.5	Slickwater	29,963	75,788	713	1,804	28.3%	34.5%	37,453	56,180		45	
	WASATCH	0					50	SW Sweep	0	0	Slickwater	0	75,788	0	1,804	0.0%	0.0%	0	56,180		0	
	WASATCH	0					50	Slickwater Ramp	0.5	1.5	Slickwater	0	75,788	0	1,804	0.0%	0.0%	0	56,180		0	
	WASATCH	0					50	Slickwater Ramp	1.5	2	Slickwater	29,963	105,750	713	2,518	28.3%	48.3%	52,434	108,614		0	
	WASATCH	0					50	Flush (4-1/2")				3,611	109,361	86	2,604				108,614		35	
	WASATCH	0						ISDP and 5 min ISDP				109,361									172	
		47	# of Perfs/Stage			40										Flush depth	6532	gal/ft	2,250	2,311	lbs sand/ft	142
							50.4	<< Above pump time (min)										CBP depth	5,390			
4	WASATCH	4	5350	5360	4	40	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	1		No perfs			0	ISIP and 5 min ISIP														
	WASATCH	2		No perfs			50	Slickwater Pad			Slickwater	7,425	7,425	177	177	15.0%	0.0%	0	0		22	
	WASATCH	14		No perfs			50	Slickwater Ramp	0.25	1	Slickwater	14,025	21,450	334	511	28.3%	17.2%	8,766	8,766		21	
	WASATCH	1		No perfs			50	SW Sweep	0	0	Slickwater	0	21,450	0	511	0.0%	0.0%	0	8,766		0	
	WASATCH	2		No perfs			50	Slickwater Ramp	1	1.5	Slickwater	14,025	35,475	334	845	28.3%	34.5%	17,531	26,297		21	
	WASATCH	0					50	SW Sweep	0	0	Slickwater	0	35,475	0	845	0.0%	0.0%	0	26,297		0	
	WASATCH	0					50	Slickwater Ramp	0.5	1.5	Slickwater	0	35,475	0	845	0.0%	0.0%	0	26,297		0	
	WASATCH	0					50	Slickwater Ramp	1.5	2	Slickwater	14,025	49,500	334	1,179	28.3%	48.3%	24,544	50,841		0	
	WASATCH	0					50	Flush (4-1/2")				3,460	52,960	82	1,261				50,841		0	
	WASATCH	0						ISDP and 5 min ISDP				52,960									64	
		22	# of Perfs/Stage			40										Flush depth	5300	gal/ft	2,250	2,311	lbs sand/ft	0
							23.6	<< Above pump time (min)										CBP depth	5,300			LOOK
	Totals	126				164						Total Fluid	310,852	gals	7,484	bbbls		Total Sand	304,192			
							2.4					7,401	bbbls			16.6	lbms		Total Scale Inhib. =	542		

Southman Canyon 923-31C  
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	6870	6876	4	24	6838.5	to	6839
	MESAVERDE	6924	6928	4	16	6842	to	6842
	MESAVERDE		No perms			6849.5	to	6851.5
	MESAVERDE		No perms			6871	to	6876
	MESAVERDE		No perms			6881.5	to	6882.5
	MESAVERDE		No perms			6925	to	6928.5
	# of Perfs/stage				40	CBP DEPTH	6,800	
2	MESAVERDE	6620	6624	3	12	6618.5	to	6630
	MESAVERDE	6700	6704	4	16	6634.5	to	6637.5
	MESAVERDE	6766	6770	4	16	6670.5	to	6674
	MESAVERDE		No perms			6701.5	to	6711.5
	MESAVERDE		No perms			6750	to	6750
	MESAVERDE		No perms			6764	to	6777.5
	MESAVERDE		No perms			6782	to	6783
	# of Perfs/stage				44	CBP DEPTH	5,716	
3	WASATCH	5582	5586	4	16	5575	to	5598.5
	WASATCH	5680	5686	4	24	5677	to	5678
	WASATCH		No perms			5680	to	5692.5
	WASATCH		No perms			5694.5	to	5704.5
	# of Perfs/stage				40	CBP DEPTH	5,380	
4	WASATCH	5350	5360	4	40	5285	to	5289
	WASATCH		No perms			5340.5	to	5341
	WASATCH		No perms			5342	to	5343.5
	WASATCH		No perms			5348	to	5362
	WASATCH		No perms			5363.5	to	5364
	WASATCH		No perms			5366	to	5367.5
	# of Perfs/stage				40	CBP DEPTH	5,300	
Totals					164			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU33433
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE L		6. If Indian, Allottee or Tribe Name
Contact: SHEILA UPCHEGO Email: sheila.upchego@anadarko.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-7024	8. Well Name and No. SOUTHMAN CANYON 923-31C
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T9S R23E NENW 516FNL 2311FWL		9. API Well No. 43-047-37227
		10. Field and Pool, or Exploratory UNDESIGNATED
		11. County or Parish, and State UINTAH COUNTY, UT

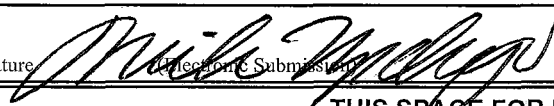
## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATION. THE OPERATOR HAS PLACED THE SUBJECT WELL LOCATION ON PRODUCTION ON 02/03/2009 AT 2:10 PM.

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #67028 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal	
Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature 	Date 02/05/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED****\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* FEB 09 2009****DIV. OF OIL, GAS & MINING**

# ROCKIES

## Operation Summary Report

Well: SOUTHMAN CANYON 923-31C

Spud Date: 11/25/2007

Project: UTAH

Site: UINTAH

Rig Name No: LEED 698/698

Event: RECOMPLETION

Start Date: 1/23/2009

End Date: 1/30/2009

Active Datum: RKB @5,073.00ft (above Mean Sea Level)

UWI: SOUTHMAN CANYON 923-31C

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
1/16/2009	13:00 - 18:00	5.00	COMP	30		P		[DAY 1] ROAD RIG FROM S.C. 923-31A TO S.C. 923-31C. MIRU, SPOT EQUIPMENT. FCP=100#. BLEW WELL DN. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. POOH STDG BACK 2-3/8" YELL BND J-55 TBG. [SLM]. EOT @ 2500'.
1/17/2009	7:00 - 7:30	0.50	COMP	48		P		6 PM SDFN. LEAVE WELL OPEN TO SALES. HLD JSA#1
	7:30 - 16:00	8.50	COMP	30		P		7AM [DAY 2] EOT @ 5200'. FCP=150#. BLEW WELL DN. CONTINUE POOH STDG BACK TBG. L/D BHA. TBG LOOKED GOOD. BTM 7 JTS HAD LT SCALE ON O.D. OF TBG. R/D FLOOR & TBG EQUIP.
								MIRU CUTTERS. RIH W/ GAUGE RING FOR 4.5" CSG TO 6988'. POOH & L/D GAUGE RING. RIH W/ BAKER 8K FLOW THRU CBP & SET @ 6938'. POOH & L/D WL TOOLS. NDBOP, NU FRAC VALVES.
								MIRU DBL JACK. ATTEMPT TO P.T. CSG. PMP'D @ 20 GPM @ 4200#. BLED OFF TO 3800#. CALLED FOR ANOTHER CBP. RIH W/ FLOW THRU CBP & SET @ 6935'. POOH & L/D WIRELINE TOOLS. SICP=3000#. ATTEMPT TO P.T. CSG AGAIN. -- SAME RESULTS AS ABOVE. RDMO DBL JACK. CALL FOR PKR TO TEST CSG IN AM.
1/18/2009	7:00 - 7:30	0.50	COMP	48		P		4PM SWI SDFN. PREP TO FIND CSG LEAK IN AM JSA#2
	7:30 - 12:00	4.50	COMP	33	C	P		7AM [DAY 3] SICP=0#. ND FRAC VALVES, NUBOP. P/U 32A WTRD PKR & RIH OUT OF DERRICK ON 2-3/8" TBG. SET PKR @ 3026'. TEST BELOW PKR TO 3800#. NO TEST. LOST 300# IN 2 MIN. TEST ABOVE PKR TO 4450#. HELD GOOD. RLS PKR, RIH TO 5035'. TEST BELOW PKR TO 4200#. NO TEST. LOST 400# IN 2 MIN. RLS PKR, RIH TO 5914'. TEST BELOW PKR TO 4200#. NO TEST. LOST 400# IN 2 MIN. TEST ABOVE PKR TO 4300#. HELD GOOD. RLS PKR, RIH TO 6853'. TEST BELOW PKR TO 4300#. HELD GOOD. RLS PKR, PUH, TO 6600' TEST BELOW PKR TO 4400#. HELD GOOD. RLS PKR, PUH TO 6225'. TEST BELOW PKR. NO TEST. RIH TO 6412'. TEST BELOW PKR, NO TEST. RIH TO 6475'. TEST BELOW PKR, NO TEST. RIH TO 6539'. TEST BELOW PKR. HELD GOOD. TEST ABOVE PKR @ 6508'. NO TEST. ISOLATE LEAK FROM 7475'-6508'. CSG COLLAR @ 6484'. RLS PKR. POOH W/ 1 STD. EOT @ 6410'.
1/19/2009	7:00 - 7:30	0.50	COMP	48		P		3 PM SWI-SDFN. PREP TO POOH W/ TBG & PKR IN AM. JSA#4

## ROCKIES

## Operation Summary Report

Well: SOUTHMAN CANYON 923-31C

Spud Date: 11/25/2007

Project: UTAH

Site: UINTAH

Rig Name No: LEED 698/698

Event: RECOMPLETION

Start Date: 1/23/2009

End Date: 1/30/2009

Active Datum: RKB @5,073.00ft (above Mean Sea Level)

UWI: SOUTHMAN CANYON 923-31C

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation
	7:30 - 17:00	9.50	COMP	30		P		7AM [DAY 4]  SICP=0#. FIGHT FREEZE UPS. POOH LAYING DOWN PRODUCTION STRING.[L/D 246 JTS ON FLOAT FROM WELL] THERE IS 44 JTS 2-3/8" J-55 YELL BND UNDER PROD TBG ON SAME FLOAT. L/D WTRD PKR. R/D FLOOR & TBG EQUIPMENT. ND 4-1/16" X 10K BOP, NU 7"X 5K SHAFFER BOP. R/U TBG STAND, PIPE RACK & SPOT TBG TRAILER W/ WORKSTRING.  5 PM SWI-SDFN. PREP TO RIH W/ PKR & WORK STRING IN AM. JSA#1 7AM [DAY 5]  P/U 2-3/8" HD WTRD PKR,XN NIPPLE, X-OVER, & 2-7/8" P-110 FRAC STRING & RIH. [SLM] TBG WAS DRIFTED. SET PKR @ 6509'.  MIRU DELSCO SLK LINE & DBL JACK TESTERS. FILL BACKSIDE & HOLD 2000#. P.T. CSG & PKR TO 6000#. [HELD GOOD] RIH ON SLK LINE & SET STDG VALVE IN XN @ 6503'. POOH W/ S.L. & TOOLS. P.T. TBG TO 8200#. RIH ON SLK LINE & RETREIVE STDG VALVE. RDMO DELSCO & DBL JACK. DRAIN PMP & LINES. FREEZE PROTECT W.H.  6 PM SWI-SDFN. PREP TO MIRU KEY RIG FRIDAY, FRAC W/ BJ ON MONDAY 1/26/09 MIRU FROM ROOSEVELT YARD. NU 2" 10K FRAC VALVE. SDFWE HSM. MIRU BJ FRAC. MIRU CUTTERS WIRELINE. WAIT FOR WIRELINE FLANGE TO BE SENT FROM TOWN. START TO FRAC @ 2:00 P.M. PU 1-9/16 PERF GUNS. RIH, SHOOT 16 HOLES FROM 6924-28'. PU, SHOOT 24 HOLES FROM 6870-76'. POOH. RU LINES & PRESSURE TEST TO 8500#. STAGE 1: BREAK DOWN PERFS @ 4243#. ISIP 2259#. FG. 77. EST INJ RATE OF 16 BBL MIN @ 7000#. TREATED STAGE 1 W/ 30,210# SAND. TAILED IN W/ 5000# TLC SAND W/ SLK WTR. 865 BBLS TOTAL CLEAN FLUID. ISIP 2235#. FG. 77. NPI-24#. RU TO PUMP SAND PLUG. PUMP 800# SAND. RIH W/ WIRELINE, TAG SAND @ 6770'. POOH. SWI-SDFN HSM. RIH W/ 1-9/16 PERF GUNS. SHOOT 16 HOLES FROM 6766-70, PU, SHOOT 16 HOLES FROM 6700-04'. PU, SHOOT 12 HOLES FROM 6620-24'. POOH. RU FRAC LINES, PRESSURE TEST LINES TO 8500#. BREAK DOWN PERFS @ 3897#. ISIP 1652#. FG. 69. PUMPED 96,845# SAND. SCREENED OUT. FLOWED BACK TO F.B. TANK. FLUSHED WELL W/ 36.1 BBLS. 2879 BBLS TOTAL CLEAN FLUID. RU CEMENT PUMPER. PUMPED 20 BBLS FRESH WATER. PUMPED .75 BBLS CEMENT. FLUSHED W/ 34.6 BBLS FRESH WATER. RD CEMENT PUMPER. SWI-SDFN.
1/20/2009	7:00 - 7:30	0.50	COMP	48		P		
	7:30 - 15:00	7.50	COMP	30		P		
1/23/2009	7:00 - 16:00	9.00	COMP	30	A	P		
1/26/2009	7:00 - 18:30	11.50	COMP	36	E	P		
1/27/2009	7:00 - 16:00	9.00	COMP	36	E	P		

## ROCKIES

## Operation Summary Report

Well: SOUTHMAN CANYON 923-31C

Spud Date: 11/25/2007

Project: UTAH

Site: UINTAH

Rig Name No: LEED 698/698

Event: RECOMPLETION

Start Date: 1/23/2009

End Date: 1/30/2009

Active Datum: RKB @5,073.00ft (above Mean Sea Level)

UWI: SOUTHMAN CANYON 923-31C

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
1/28/2009	7:00 - 18:00	11.00	COMP	36	E	P		HSM. BLEED DOWN TBG. RELEASE PKR. TOOH STANDING BACK 2-7/8 PH-6 TBG. ND BOP. NU FRAC VALVE. RU FRAC HEAD & LINES TO FRAC VALVE PU 4-1/2 CBP & RIH. SET CBP @ 5716'. POOH. COULD NOT GET FRAC VALVES TO CLOSE. ICE IN VALVES. THAWED OUT VALVES. LOADED CSG. WITH FLUID. PRESSURE TEST CSG & FRAC VALVES TO 6200#. (HELD). PU 3-1/8 PERF GUNS. RIH, SHOOT 24 HOLES FROM 5680-86'. PU, SHOOT 16 HOLES FROM 5582-86'. POOH. STAGE 3: BREAK DOWN PERFS @ 2804#. ISIP 648#. FG .56. EST INJ RATE OF 50 BBL MIN @ 3500#. TREATED STAGE 3 W/ 118,105# SAND. TAILED IN W/ 5000# TLC SAND. 2865 BBLS TOTAL CLEAN FLUID. ISIP 1393#. FG .69. 745 # NPI.  STAGE 4. PU 4-1/2 CBP & 3-1/8 PERF GUNS. RIH, SET CBP @ 5390. PU ,SHOOT 40 HOLES FROM 5350-60'. POOH. BREAK DOWN PERFS @ 2783#. ISIP 1524#. FG .73. EST INJ RATE OF 51.3 BBL/MIN @ 3200#. TREATED STAGE 4 W/ 61,357# SAND. TAILED IN W/ 5000 TLC SAND. 1480 BBLS TOTAL CLEA FLUID. ISIP 1578#. FG .74. NPI 54. PU 4-1/2 CBP. RIH, SET CBP @ 5300#. POOH. RDMO CUTTERS. RDMO BJ. WINTERIZE WELL-HEAD. SDFN.
1/29/2009	7:00 - 18:00	11.00	COMP	31	I	P		HSM. ND FRAC VALVE. NU BOP. TIH W/ 2-7/8 WORK STRING. LD 2-7/8 WORK STRING ON FLOATS. TRUCK MOVING TRAILERS SPILLED LOAD OF PIPE. PICKED UP PIPE & RE-LOADED WITH FORK-LIFT. PREP & TALLY 2-3/8 J-55 TBG. PU 3-7/8 ROCK BIT, POBS & X/N NIPPLE. START TO TIH. SWI-SDFN
1/30/2009	7:00 - 18:00	11.00	COMP	31		P		7:AM HSM. OPEN WELL. FINISH RIH W/ 23/8" TBG. TAG TOP KILL @ 5310'. RU DRILL EQUIP. BROKE CONV CIR. DRILL UP CBP NO PRES INC. NO FLOW FROM ZONE. RIH TAG SAND @ 5370'. 20' SAND. DRILL DOWN TO CBP @ 5390'. DRILL UP CBP 200 PSI DIF INC. RIH TAG @ 5683'. 33' SAND. DRILL DOWN TO CBP @ 5716'. DRILL UP CBP. 250 PSI DIF INC. RIH W/ 23/8" TBG. TAG @ 6514'. DRILL CEMENT, FELL THREW @ 6580+-. DRILL SAND DOWN TO FRAC PLUG @ 6935'. NO PRES INC. RU FOAM UNIT, DRILL UP FRAC PLUG @ 6935 & FRAC PLUG @ 6938'. LOST CIR BUT GOT BACK. CIR WELL 1/2HR. WELL FLOWING GOOD. RIH W/ 23/8" TBG. TAG @ 8411'. DRILL, HARD. CIR CLEAN. POOH LD EXCESS TBG. 254 JTS IN WELL LAND TBG. EOT @ 7985.03. ND BOP, NU WELLHEAD. DROP BALL. POBS @ 1600 PSI. PUT WELL FLOWING TO PIT. WELL DIED. RU FOAM UNIT BLOW WELL AROUND. PUT WELL BACK TO FLOWING 11:30 PM
1/31/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1100#, TP 0#, OPEN/64" CK, 0 BWPH, 0 SAND, - GAS TTL BBLS RECOVERED: 1120 BBLS LEFT TO RECOVER: 6969
2/1/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1250#, TP 700#, 32/64" CK, 20 BWPH, TRACE SAND, HEAVY GAS TTL BBLS RECOVERED: 1680 BBLS LEFT TO RECOVER: 6409



## ROCKIES

## Operation Summary Report

Well: SOUTHMAN CANYON 923-31C

Spud Date: 11/25/2007

Project: UTAH

Site: UINTAH

Rig Name No: LEED 698/698

Event: RECOMPLETION

Start Date: 1/23/2009

End Date: 1/30/2009

Active Datum: RKB @5,073.00ft (above Mean Sea Level)

UWI: SOUTHMAN CANYON 923-31C

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation
2/2/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1150#, TP 650#, 32/64" CK, 10 BWPH, TRACE SAND, HEAVY GAS TTL BBLS RECOVERED: 1940 BBLS LEFT TO RECOVER: 6149
2/3/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1050#, TP 600#, 32/64" CK, 5 BWPH, TRACE SAND, HEAVY GAS TTL BBLS RECOVERED: 2090 BBLS LEFT TO RECOVER: 5999
	14:10 -		PROD					WELL TURNED TO SALES @ 1410 HR ON 2/3/2009 - FTP 300#, CP 450#, CK 18/64", 2200 MCFD, 120 BWPD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU334331a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
KERR-MCGEE OIL & GAS ONSHORE-MAIL: sheila.upchego@anadarko.com

Contact: SHEILA UPCHEGO

8. Lease Name and Well No.  
SOUTHMAN CANYON 923-31C3. Address 1368 SOUTH 1200 EAST  
VERNAL, UT 840783a. Phone No. (include area code)  
Ph: 435-781-70249. API Well No.  
43-047-37227

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NENW 516FNL 2311FWL

At top prod interval reported below NENW 516FNL 2311FWL

At total depth NENW 516FNL 2311FWL

10. Field and Pool, or Exploratory  
UNDESIGNATED11. Sec., T., R., M., or Block and Survey  
or Area Sec 31 T9S R23E Mer SLB12. County or Parish  
UINTAH13. State  
UT14. Date Spudded  
11/25/200715. Date T.D. Reached  
12/27/200716. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/03/200917. Elevations (DF, KB, RT, GL)\*  
5055 GL18. Total Depth: MD  
TVD 856519. Plug Back T.D.: MD  
TVD 841120. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
N/A22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J-55	36.0		2110		1750			
7.875	4.500 I-80	11.6		8565		1425			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7985							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5350	5686	5350 TO 5686	0.360	80	OPEN
B) MESAVERDE	6620	6928	6620 TO 6928	0.360	84	OPEN
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5350 TO 5686	PMP 4325 BBLS SLICK H2O & 179,462# 30/50 SD
6620 TO 6928	PMP 3744 BBLS SLICK H2O & 127,055# 30/50 SD

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/03/2009	02/05/2009	24	→	0.0	2222.0	200.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 448	603.0	→	0	2222	200		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/03/2009	02/05/2009	24	→	0.0	2222.0	200.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 448	603.0	→	0	2222	200		PGW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #67760 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

MAR 05 2009

DIV OF OIL, GAS &amp; MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	1294				
MAHOGANY	2098				
WASATCH	4360	6375			
MESAVERDE	6420	8401			

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #67760 Verified by the BLM Well Information System.  
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (please print) SHEILA UPCHEGO

Title OPERATIONS

Signature

(Electronic Submission)

Date 03/03/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: P.O. Box 173779  
city DENVER  
state CO zip 80217 Phone Number: (720) 929-6029

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
See Atchmt	See Atchmt						
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
	99999	18519				5/11/2012	
<b>Comments:</b> Please see attachment with list of Wells in the Ponderosa Unit. <u>WSMVD</u> <span style="float: right;">5/30/2012</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

Title

5/21/2012

Date

**RECEIVED**

**MAY 21 2012**

(5/2000)

Div. of Oil, Gas & Mining

well_name	sec	tpw	rng	api	entity		lease	well	stat	qtr_qtr	bhl	surf	zone	a_stat	l_num	op_no
SOUTHMAN CANYON 31-3	31	090S	230E	4304734726	13717		1	GW	P	SENW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742		1	GW	S	SESW		1	WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	090S	230E	4304734898	13755		1	GW	P	NWNW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149	13994		1	GW	P	NWSE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31B	31	090S	230E	4304735150	13953		1	GW	P	NWNE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31P	31	090S	230E	4304735288	14037		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		1	GW	P	SENE		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31O	31	090S	230E	4304737205	16827		1	GW	P	SWSE		1	MVRD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	090S	230E	4304737209	16521		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	P	NENE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	P	SWNE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	P	NENE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	P	SWNW		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	P	NENW		1	MVRD	P	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	P	NESW		1	MVRD	P	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	P	SENW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	P	NWNE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	P	NWNW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	P	SENE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1	GW	P	NWSW		1	MVRD	P	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1	GW	P	NWSE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1	GW	P	NESE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3	GW	P	SWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3	GW	P	NENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3	GW	P	NENE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3	GW	P	SWNE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O	02	100S	230E	4304735662	14289		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3	GW	S	NESE		3	WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3	GW	P	SWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3	GW	P	SENE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3	GW	P	NWNE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3	GW	P	SESE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3	GW	P	SESW		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2L	02	100S	230E	4304737225	15833		3	GW	P	NWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2F	02	100S	230E	4304737226	15386		3	GW	P	SENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D-4	02	100S	230E	4304738761	16033		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O-1	02	100S	230E	4304738762	16013		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H3CS	02	100S	230E	4304750344	17426		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G3BS	02	100S	230E	4304750345	17428		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G2CS	02	100S	230E	4304750346	17429		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G1BS	02	100S	230E	4304750347	17427		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995

BONANZA 1023-2M1S	02	100S	230E	4304750379	17443		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445		3	GW	P	SENW	D	3	WSMVD	P	ML 47062	N2995
BONANZA 4-6 ✱	04	100S	230E	4304734751	13841		1	GW	P	NESW		1	MNCS	P	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155		1	GW	P	SWNW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252		1	GW	P	NENW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930		1	GW	P	SWSW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4O	04	100S	230E	4304735688	15111		1	GW	P	SWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446		1	GW	P	NESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4D	04	100S	230E	4304737315	16352		1	GW	P	NWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4B	04	100S	230E	4304737328	16351		1	GW	P	NWNE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395		1	GW	P	SESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356		1	GW	P	SENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5O	05	100S	230E	4304735438	14297		1	GW	P	SWSE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699		1	GW	P	SWSW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055		1	GW	P	NWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795		1	GW	P	SESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323		1	GW	P	NESE	D	1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796		1	GW	TA	NESW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951		1	GW	P	NENW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6E	06	100S	230E	4304735358	14170		1	GW	P	SWNW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233		1	GW	P	SWSW		1	WSMVD	P	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221		1	GW	P	SWNE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6O	06	100S	230E	4304735630	14425		1	GW	TA	SWSE		1	WSMVD	TA	U-38419	N2995

✱ not moved in unit

BONANZA 1023-6A	06	100S	230E	4304736067	14775		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-6N	06	100S	230E	4304737211	15672		1	GW	P	SESW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6L	06	100S	230E	4304737212	15673		1	GW	P	NWSW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6J	06	100S	230E	4304737213	15620		1	GW	P	NWSE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	100S	230E	4304737214	15576		1	GW	TA	SENW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	100S	230E	4304737323	16794		1	GW	P	SESE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6H	06	100S	230E	4304737324	16798		1	GW	S	SENE		1	WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100S	230E	4304737429	17020		1	GW	P	NWNW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1AS	06	100S	230E	4304750453	17581		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I2S	06	100S	230E	4304750457	17790		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I4S	06	100S	230E	4304750458	17792		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244		1	GW	S	NENW		1	WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943		1	GW	P	NWNE		1	MVRD	P	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054		1	GW	P	NWSW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		1	GW	P	NWNW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		1	GW	P	SESE		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		1	GW	P	SENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		1	GW	P	SESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7M	07	100S	230E	4304737215	16715		1	GW	P	SWSW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7K	07	100S	230E	4304737216	16714		1	GW	P	NESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	100S	230E	4304737217	16870		1	GW	P	SWNW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	100S	230E	4304737326	16765		1	GW	P	SWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	100S	230E	4304737327	16796		1	GW	P	NENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7O	07	100S	230E	4304738304	16713		1	GW	P	SWSE		1	MVRD	P	UTU-38420	N2995
BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		1	GW	P	NWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-07JT	07	100S	230E	4304739390	16869		1	GW	P	NWSE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	17494		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7J2DS	07	100S	230E	4304750475	17495		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7L3DS	07	100S	230E	4304750476	17939		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7M2AS	07	100S	230E	4304750477	17942		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7O4S	07	100S	230E	4304750480	17918		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 8-2	08	100S	230E	4304734087	13851		1	GW	P	SESE		1	MVRD	P	U-37355	N2995



BONANZA 8-3	08	100S	230E	4304734770	13843		1	GW	P	NWNW		1	MVRD	P	U-37355	N2995
BONANZA 1023-8A	08	100S	230E	4304735718	14932		1	GW	P	NENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8L	08	100S	230E	4304735719	14876		1	GW	P	NWSW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8N	08	100S	230E	4304735720	15104		1	GW	P	SESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8F	08	100S	230E	4304735989	14877		1	GW	S	SENW		1	WSMVD	S	UTU-37355	N2995
BONANZA 1023-8I	08	100S	230E	4304738215	16358		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8K	08	100S	230E	4304738216	16354		1	GW	P	NESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8M	08	100S	230E	4304738217	16564		1	GW	P	SWSW		1	MVRD	P	UTU-37355	N2995
BONANZA 1023-8G	08	100S	230E	4304738218	16903		1	GW	P	SWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8E	08	100S	230E	4304738219	16397		1	GW	P	SWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8C	08	100S	230E	4304738220	16355		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B	08	100S	230E	4304738221	16292		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8H	08	100S	230E	4304738222	16353		1	GW	P	SENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8O	08	100S	230E	4304738305	16392		1	GW	P	SWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B-4	08	100S	230E	4304738914	17019		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8A1DS	08	100S	230E	4304750481	17518		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4BS	08	100S	230E	4304750483	17519		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B1AS	08	100S	230E	4304750484	17520		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B2AS	08	100S	230E	4304750485	17521		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O2S	08	100S	230E	4304750495	17511		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J1S	08	100S	230E	4304750496	17509		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3S	08	100S	230E	4304750497	17512		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J3	08	100S	230E	4304750498	17510		1	GW	P	NWSE		1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C4CS	08	100S	230E	4304750499	17544		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D2DS	08	100S	230E	4304750500	17546		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D3DS	08	100S	230E	4304750501	17545		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3DS	08	100S	230E	4304750502	17543		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4CS	08	100S	230E	4304751131	18169		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B3BS	08	100S	230E	4304751132	18167		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C1AS	08	100S	230E	4304751133	18166		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G3AS	08	100S	230E	4304751134	18168		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2AS	08	100S	230E	4304751135	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3BS	08	100S	230E	4304751136	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4AS	08	100S	230E	4304751137	18224		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4DS	08	100S	230E	4304751138	18225		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J2CS	08	100S	230E	4304751139	18226		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G4DS	08	100S	230E	4304751140	18144		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H2DS	08	100S	230E	4304751141	18142		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H3DS	08	100S	230E	4304751142	18143		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H4DS	08	100S	230E	4304751143	18141		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8I4BS	08	100S	230E	4304751144	18155		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J4BS	08	100S	230E	4304751145	18154		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P1AS	08	100S	230E	4304751146	18156		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P4AS	08	100S	230E	4304751148	18157		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2DS	08	100S	230E	4304751149	18201		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995



BONANZA 1023-8E3DS	08	100S	230E	4304751150	18200		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K1CS	08	100S	230E	4304751151	18199		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8L3DS	08	100S	230E	4304751153	18197		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2AS	08	100S	230E	4304751154	18217		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2DS	08	100S	230E	4304751155	18216		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N2BS	08	100S	230E	4304751156	18218		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3CS	08	100S	230E	4304751157	18254		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N3DS	08	100S	230E	4304751158	18215		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O4AS	08	100S	230E	4304751159	18252		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468		1	GW	P	NENW		1	MVRD	P	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767		1	GW	S	SWSW		1	MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685		1	GW	S	NWSE		1	MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852		1	GW	P	NWNE		1	MVRD	P	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892		1	GW	P	SESW		1	MVRD	P	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931		1	GW	P	SWNW		1	WSMVD	P	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398		1	GW	P	NWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989		1	GW	P	NWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782		1	GW	P	NWNW		1	MVRD	P	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164		1	GW	P	NWSW		1	WSMVD	P	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501		1	GW	P	SWNW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 11-2 ★	11	100S	230E	4304734773	13768		1	GW	P	SWNW		1	MVMCS	P	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132		1	GW	P	NESW		1	WSMVD	P	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764		1	GW	P	NWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797		1	GW	P	SENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711		1	GW	P	NWNW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826		1	GW	P	SWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736		1	GW	P	NENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839		1	GW	P	NWSE		1	WSMVD	P	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646		1	GW	P	SESW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687		1	GW	P	SWSW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987		1	GW	P	NWSW		1	WSMVD	P	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480		1	GW	P	NENW		1	MVRD	P	UTU-38423	N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500		1	GW	S	NENW		1	MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799		1	GW	P	NWNW		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-14C	14	100S	230E	4304738299	16623		1	GW	P	NENW		1	MVRD	P	UTU-38427	N2995
BONANZA FEDERAL 3-15	15	100S	230E	4304731278	8406		1	GW	P	NENW		1	MVRD	P	U-38428	N2995

★ not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1	GW	P	SENE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988		1	GW	P	NWSE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1	GW	P	NESE	D	1	MVRD	P	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495		3	GW	P	NESE		3	WSMVD	P	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		3	GW	OPS	NWSE		3	WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410		1	GW	P	SWNE		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		1	GW	P	NWNE		1	WSMVD	P	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668		1	GW	P	NWNW		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625		1	GW	P	NENE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624		1	GW	P	SENW		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645		1	GW	P	SWNW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734		1	GW	P	NENW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135		1	GW	P	SWNE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496		1	GW	P	SENW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565			GW	P	SENW			MVRD	P	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319			GW		NENW	D				UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-33433
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> PONDEROSA
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> SOUTHMAN CYN 923-31C
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0516 FNL 2311 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 31 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047372270000
<b>PHONE NUMBER:</b> 720 929-6514		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/20/2013	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">Production Enhancement</span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The operator conducted the following workover/wellbore cleanout on the subject well on 02/20/2013. Please see the attached chronological well history for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> March 21, 2013		
<b>NAME (PLEASE PRINT)</b> Lindsey Frazier	<b>PHONE NUMBER</b> 720 929-6857	<b>TITLE</b> Regulatory Analyst II
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/18/2013	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: SOUTHMAN CANYON 923-31C

Spud Date: 11/25/2007

Project: UTAH-UINTAH

Site: SOUTHMAN CANYON 923-31C

Rig Name No: MILES-GRAY 1/1

Event: WELL WORK EXPENSE

Start Date: 2/14/2013

End Date: 2/20/2013

Active Datum: RKB @5,073.00usft (above Mean Sea Level)

UWI: SOUTHMAN CANYON 923-31C

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
2/14/2013	7:00 - 9:00	2.00	MAINT	30	G	P		RDMO, ROAD RIG F/ S.C. 923-31E TP S.C. 923-31C.
	9:00 - 10:00	1.00	MAINT	30	A	P		MIRU.
	10:00 - 15:30	5.50	MAINT	31	B	P		BLEW TBG DWN, PUMP 15 BBLS DWN TBG, TBG PRESSURE UP TO 1000 PSI. TBG PLUGGED, ND WH, NU BOP'S, RU FLOOR & TBG EQUIPMENT, HANGER STUCK , WORKED TBG HANGER TO 85K, NO MOVEMENT, PU 3-1/8 HYDRAULIC JAR & JARRED HANGER FREE, UN LAND TBG, LD JAR, PU & RIH 8 JTS. 2-3/8 TBG F/ TRAILER, TAG SCALE @ 8220' BTM PERF @ 8320. (100' FILL) POOH & LD 8 JTS. ON TRAILER.
	15:30 - 17:00	1.50	MAINT	34	H	P		RU CUTTERS WIRELINE, RIH W/ 1-11/16 TBG GUN & TAG SOLID @ 4640', PUNCHER TBG @ 4637', POOH TOOLS, RD CUTTERS WIRELINE, SWI, DRAIN LINES & PUMP, SDFN.
2/15/2013	7:00 - 7:30	0.50	MAINT	48		P		HSM, REVIEW SCANNING TBG & LD TBG ON TRAILER.
	7:30 - 8:30	1.00	MAINT	30	E	P		FCP. 285 PSI. FTP. 285 PSI. BLEW TBG DWN, CONTROL TBG W/ 20 BBLS.
	8:30 - 12:30	4.00	MAINT	45	A	P		RU SCAN TECH, POOH & SCAN 254 JTS. 2-3/8 J-55 TBG, LD 28 JTS. DUE TO WALL LOSS & PITTING, FOUND JNT # 148 WAS PERFORATED, LOCATED PLUNGER IN JNT # 150, HOLE IN JNT # 220, RD SCAN TECH.
	12:30 - 15:00	2.50	MAINT	31	I	P		PU 3-7/8 MILL, BIT SUB & FLOAT-COLLAR, TALLY & RIH 166 JTS. 2-3/8 J-55 TBG, EOT @ 5219', TOP PERF @ 5350', SWI, DRAIN LINES & PUMP, SDFWE & HOLIDAY.
2/19/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM-JSA
	7:15 - 17:00	9.75	MAINT	44	D	P		RIH W/ TBG FROM 5,219' TO 8,220' TAG FILL, RU UP PWR SWVL & GROSS FOAM, BRK CIRC, C/O 215' FILL TO 8,435' (115' BLW BTM PERF), CIRC CLEAN, RD PWR SWVL & FOAM UNIT, LD 16 JTS TBG, STD BACK 252 JTS TBG, LD POBS & MILL, SWI, DRAIN UP EQUIP, SDFN.
2/20/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM-JSA
	7:15 - 13:00	5.75	MAINT	31	I	P		SICP 500 PSI, PUMP 30 BBLS TMAC TO CONTROL WELL, PU L.S.N., RIH W/ 253 JTS 2 3/8" J-55, BROACH EVERY 1,500', LAND TBG @ 7,969.10', RD FLOOR & TBG EQUIP, NDBOP, NUWH, RDMO, TURN WELL OVER TO PROD.  KB-18' HANGER-.83' 253 JTS 2 3/8" J-55-7,948.94' L.S.N.-1.33' EOT @ 7,969.10'

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-33433
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> PONDEROSA
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> SOUTHMAN CYN 923-31C
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0516 FNL 2311 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 31 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047372270000
<b>PHONE NUMBER:</b> 720 929-6454		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/25/2016	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="WORKOVER"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           A WORKOVER/WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE SOUTHMAN CANYON 923-31C WELL. PLEASE SEE THE ATTACHED OPERATIONS SUMMARY REPORT FOR DETAILS.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the            Utah Division of            Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>            September 02, 2016         </div> </div>		
<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/29/2016	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: SOUTHMAN CANYON 923-31C

Spud date: 11/25/2007

Project: UTAH-UINTAH

Site: SOUTHMAN CANYON 923-31C

Rig name no.: ROCKY MOUNTAIN WELL SERVICE  
3/3

Event: WELL WORK EXPENSE

Start date: 8/15/2016

End date: 8/25/2016

Active datum: RKB @5,073.00usft (above Mean Sea  
Level)

UWI: SOUTHMAN CANYON 923-31C

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
8/24/2016	6:45 - 7:00	0.25	MAINT	48	B	P		HSM, JSA
	7:00 - 8:00	1.00	MAINT	30	A	P		ROAD RIG F/ NBU 922-36A1CS. MIRU RIG & SPOT RIG EQUIP.
	8:00 - 9:30	1.50	MAINT	31	1	P		FWP= 50#. BLW WELL DWN. PUMP 10 BBLS DWN CSG & TBG. ND WH. UNLAND TBG (TBG NOT STUCK). RELAND TBG. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG & LD 4 1/16 FMC TBG HNGR.
	9:30 - 17:00	7.50	MAINT	31	S	P		MIRU SCAN TECH. SCAN 253 JTS 2 3/8 J-55 OOH. FOUND 79 YB, 174 RB, LIGHT ID SCALE F/ 667' - 1553', MED OD SCALE F/ 2694' - 7969' EOT, HOLE FOUND IN JT 211 @ 6688'. SOLID SAMPLES WHERE TAKEN T/ NALCO. RDMO SCAN TECH. LOAD BAD PIPE. SWIFN.
8/25/2016	6:45 - 7:00	0.25	MAINT	48	B	P		HSM.
	7:00 - 12:00	5.00	MAINT	31	R	P		SICP = 325#. BLW WELL DWN. MIRU NALCO PUMP TRUCK. PUMP 10 GAL CRSN INHIB & 20 BBLS T-MAC. PU 3 7/8 MILL, POBS, 1.875 XN. PREP & TALLY NEW & YB TBG. RIH W/ 255 JTS TBG & TAG @ 8118'.
	12:00 - 16:00	4.00	MAINT	44	D	P		RU DRL EQUIP. BRK CONV CIRC W/ FU/N2 UNIT (1hr 40min T/ GET RETURNS). C/O F/ 8118' - 8373'. CIRC WELL CLN. RD DRL EQUIP.
	16:00 - 17:30	1.50	MAINT	31	I			POOH LD 12 JTS 2 3/8 P-110. PU 4 1/16 FMC TBG HNGR. LAND TBG W/ 172 JTS 2 3/8 P-110, 6' P-110 PUP JT, 79 JTS 2 3/8 J-55 YB W/ 1.875 XN/POBS. NEW EOT @ 8003'. DROP BALL. PUMP BIT OFF W/ 35 BBLS. RU BROACH EQUIP. BROACH TBG T/ XN. ALL TBG BROACHED GOOD. RD BROACH EQUIP. RD TBG EQUIP & RIG FLOOR. ND BOP. NU WH.
	17:30 - 19:30	2.00	MAINT	31	N	P		HOOK UP FU/N2 T/ TBG. UNLOAD WELL. SD PUMPING. PURGE CSG & TBG T/ FBT FOR 1hr. SWIFWE.